New Products to Advance Your Neuroscience Research 2008

Immunoassays, Detection Kits, Antibodies and Proteins...

KITS

Product Description	Sample Type	Size	Cat.No.	Price €
Arg^8-Vasopressin EIA Kit	CS	1 x 96 well	900-017	403,65
		5 x 96 well	901-017	1634,15
Catenin-β (total) EIA Kit	CL	1 x 96 well	900-135	598,00
cyclic AMP (direct) EIA Kit	CL, T	1 x 96 well	900-066	381,80
		5 x 96 well	901-066	1588,15
cyclic AMP Complete EIA Kit	Cells, T, CS, SA, S	1 x 96 well	900-163	399,05
		5 x 96 well	901-163	1651,40
cyclic AMP EIA Kit	CS, S, A,	1 x 96 well	900-067	364,55
		5 x 96 well	901-067	1451,30
cyclic GMP EIA Kit	CS, S, A,	1 x 96 well	900-164	399,05
		5 x 96 well	901-164	1651,40
Erk1/2 (phospho) CLIA Kit	CL	1 x 96 well	910-098	654,35
Erk1/2 (phospho) EIA Kit	CL	1 x 96 well	900-098	598,00
Erk1/2 (total) EIA Kit	CL	1 x 96 well	900-152	598,00
GSK-3β (phospho) EIA Kit	CL	1 x 96 well	900-123	598,00
GSK-3β (total) EIA Kit	CL	1 x 96 well	900-144	598,00
Oxytocin EIA Kit	CS, M, S, P*	1 x 96 well	900-153	403,65
		5 x 96 well	901-153	1634,15
Pin1 EIA Kit	CL	1 x 96 well	900-146	598,00

Proteins

Product Description	Applications	Size	Cat.No.	Price €
Crebtide Substrate	Kinase Assay	1 mg	SPK-102J	200,00
Erk1 Active Recombinant	Protein Kinase Assay	1 µg	PPK-420X	131,00
Erk1 Active Recombinant	Protein Kinase Assay	5 µg	PPK-420Z	426,00
GSK-3β Active Recombinant	Protein Kinase Assay	1 µg	PPK-425X	131,00
GSK-3β Active Recombinant	Protein Kinase Assay	5 µg	PPK-425Z	426,00
Kemptide Substrate	Kinase Assay	1 mg	SPK-101J	200,00

...distributed by:

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Sample Type:
T = Tissue
M = Milk
SA = Saliva
CS = Cell Lysates
S = Serum
P* = Plasma
(check with the product insert or website for specific plasma type)

Please refer to last page for other abbreviations legend.

www.biotrend.com

ANTIBODIES

Product Description	Applications	Species Reactivity	Size	Cat.No.	Price €
Agrin mAb (Agr-131)	ICC, IHC, RIA, WB	M, R	50 µg	AGR-530D	180,55
			200 µg	AGR-530F	403,65
Agrin mAb (Agr-247)	IHC	M, R	50 µg	AGR-540D	180,55
			200 µg	AGR-540F	403,65
Agrin mAb (Agr-33)	WB, IHC, EIA	M, R	50 µg	AGR-510D	180,55
			200 µg	AGR-510F	403,65
Amphiphysin mAb (3)	IHC, IP, WB	H, M, R, B, C, HA,	25 µg	VAM-SV030C	173,65
		MO, RB	100 µg	VAM-SV030E	366,85
Amyloid β mAb (2C8)	IHC, WB	H, M	100 µg	NBA-104E	437,00
APP mAb (3E9)	IHC, WB	H, M	100 µg	NBA-100E	451,95
APP pAb	WB	H, M, R	25 µg	NBA-102C	175,95
			100 µg	NBA-102E	437,00
BACE2 (NT) pAb	WB	H, M, R	100 µg	905-290	351,90
Bassoon mAb (SAP7F407)	ICC, IHC, IP, WB	M, R	100 µg	VAM-PS003E	366,85
Cannabinoid Receptor 1 (CB1)Activation-state Specific pAb	WB, IHC, EIA	H, M, R, CH, C	100 µg	905-708-100	535,90
Cannabinoid Receptor 2 (CB2)Activation-state Specific pAb	WB, IHC, EIA	R	100 µg	905-749-100	535,90
Catenin-β mAb (12F7)	IHC, IP, WB	H, M, R	100 µg	KAM-ST001E	391,00
CREB (phospho-Ser133) mAb (10E9)	EIA, WB	H, M, C	100 µg	905-639	604,90
Cu/Zn SOD pAb	EIA, IHC, IP, WB	H, M, R	100 µg	SOD-100E	428,95
Cu/Zn SOD pAb	EIA, IHC, IP, WB	H, M, R, B	100 µg	SOD-101E	428,95
cyclic AMP (AM74) pAb	EIA	Species Independent	100 µL	915-053	363,40
cyclic AMP (AM75) pAb	EIA	Species Independent	100 µg	915-066	350,75
Dopamine Receptor 2 Activation-state Specific pAb	WB, IHC, EIA	H, M, R, CH	100 µg	905-740-100	535,90
Drebrin mAb (M2F6)	ICC, IHC, WB	M, CH	100 µg	NBA-110E	451,95
Dynamin mAb (D5)	Flow, IHC, IP, WB	H, M, R, B, CH	25 µg	VAM-SV041C	173,65
			100 µg	VAM-SV041E	366,85
Erk1/2 (MAPK) pAb	IHC, IP, WB	H, M, R, B, S, CH,	25 µg	KAP-MA001C	167,90
		D, X	100 µg	KAP-MA001E	366,85
Erk1/2 (phospho-Thr202/ Tyr204) mAb (12D4)	EIA, ICC , IP, WB	H, M, R, C	100 µg	905-651	604,90
Erk1/2 (phospho-Thr202/ Tyr204) pAb	ICC, IHC, WB	H, M, R,	100 µL	KAP-MA021E	497,95
GAD65/67 mAb (9A6)	IHC, WB H,	M, R	100 µg	MSA-225E	451,95
GFAP (phospho-Ser8) mAb (YC10)	EIA, ICC, Inhibition	H, M, R, B, P	50 µg	NBA-115D	451,95
mGluR1 pAb	IHC, IP, WB	H, M, R, MO, CH	1 mL	905-468	529,00
GluR 2/3 pAb	IHC, IP, WB	H, M, R, MO, A	1 mL	905-414	451,95
GluR1 pAb	IHC, WB	H, M, R	1 mL	905-416	529,00
GluR4 pAb	IHC, IP, WB	H, M, R, MO, CH	1 mL	905-418	529,00
GS28 mAb (HFD9)	EM, ICC, IP, WB	M, R, B, C, CH, HA,	25 µg	VAM-PT047C	167,90
		P, RB, S	100 µg	VAM-PT047E	366,85
GSK3 α/β (phospho-Tyr216/ Tyr279) pAb	EIA, WB	H, M, R	100 µL	KAP-ST012E	497,95

ANTIBODIES

Product Description	Applications	Species Reactivity	Size	Cat.No.	Price €
GSK3 α/β mAb (1H8)	ICC, IHC, IP, WB	H, M, R, B, C, HA, MO, P, RB, S	25 µg 100 µg	KAM-ST002C KAM-ST002E	159,85 356,50
GSK-3α (phospho-Ser21) mAb (9B8)	WB, IHC, EIA	H, M, R, C	100 µg	905-759-100	609,50
GSK-3α/β (phospho-Tyr216/279) mAb (6D3)	WB, IHC, EIA	H, M,	100 µg	905-762-100	451,95
GSK-3β (phospho-Ser9) mAb (3A8)	WB, IHC, EIA	H, R	100 µg	905-761-100	609,50
GSK-3β (phospho-Ser9) pAb	EIA, WB	H, M, R, HA	100 µL	KAP-ST011E	497,95
GSK-3β mAb (11B9)	WB, IHC, EIA	H, M, R, C	100 µg	905-760-100	609,50
GSK-3β pAb	ICC, IP, WB	H, M, R, B	25 µg 100 µg	KAP-ST002C KAP-ST002E	167,90 366,85
GSK-3β pAb	WB, IHC, EIA	H, M, R, B	100 µg	905-679-100	420,90
Huntingtin Interacting Protein-1 mAb (1B11)	EIA, IHC, WB	M, R	100 µg	905-134	376,05
Huntingtin Interacting Protein-1 mAb (4B10)	EIA, IHC, WB	H, M	100 µg	905-133	376,05
Membrin mAb (4HAD6)	ICC, IP, WB	H, R, C, CH, HA, MO, P, RB	25 µg 100 µg	VAM-PT046C VAM-PT046E	167,90 366,85
Membrin pAb	WB	H, M, R, B, C, CH, D, HA, MO, P, RB, S	25 µg 100 µg	VAP-PT049C VAP-PT049E	167,90 204,70
Mn SOD pAb	EIA, IHC, IP, WB	H, M, R, B, C, CH, GR, GP, HA, MO, P, RB, S, X	25 µg 100 µg	SOD-110C SOD-110E	204,70 428,95
Mn SOD pAb	EIA, IHC, IP, WB	H, M, R, B, C, CH, D, GP, HA, MO, P, RB, S, X	25 µg 100 µg	SOD-111C SOD-111E	204,70 428,95
Neurofilament NF-H pAb	ICC, WB	H, M, R	100 µL	NBA-137E	437,00
Neurofilament NF-M mAb (3H11)	ICC, IHC, RIA, WB	H, M, R, CH	100 µL	NBA-140E	437,00
Neurturin pAb	WB	H,	100 µg	905-295	351,90
Nicastrin pAb	WB, IHC, EIA	H, M, R	100 µg	905-737-100	391,00
NSF mAb (9G7-3)	IP, WB	H, M, R, B, C, CH, HA, MO, P, RB, S	25 µg 100 µg	VAM-SV020C VAM-SV020E	173,65 366,85
Opioid Receptor µ Activation-state Specific pAb	WB, IHC, EIA	H, M, R	100 µg	905-744-100	535,90
Opioid Receptor ε Activation-state Specific pAb	WB, IHC, EIA	H, M, R	100 µg	905-745-100	535,90
PEN2 pAb	WB, IHC, EIA	H, M, R	100 µg	905-736-100	451,95
PSD-95 mAb (6G6-1C9)	WB, ICC	M, R, B	25 µg 100 µg	VAM-PS002C VAM-PS002E	161,00 354,20
PSD-95 mAb (7E3-1B8)	WB, ICC, IP	M, R, B	100 µg	VAM-PS001E	354,20
Rabphilin 3A pAb	WB	M, R, B	25 µg 100 µg	VAP-SV057C VAP-SV057E	161,00 317,40
rSec8 mAb (14G1)	IP, WB	H, M, R, B, C, CH, F, GP, HA, MO, P, RB, S	25 µg 100 µg	VAM-SV016C VAM-SV016E	161,00 354,20
SAP102 mAb (7D3 (mAb 119))	EM, IHC, IP, WB	M, R	25 µg 100 µg	VAM-PS006C VAM-PS006E	161,00 354,20
SAP97 mAb (RPI 197.4)	EM, ICC, IHC, IP, WB	H, M, R, B, C, CH, GP, HA, MO, P, RB, S	100 µg	VAM-PS005E	354,20

ANTIBODIES

Product Description	Applications	Species Reactivity	Size	Cat.No.	Price €
Septin mAb (SP18)	WB	H, M, R	100 µL	905-781-100	319,70
Serotonin mAb (SPM146)	IHC	H	1 mL	905-548	299,00
Serotonin Receptor 5HT1A Activation-state Specific pAb	WB, IHC, EIA	M, R	100 µg	905-741-100	535,90
SNAP α/β mAb (6B7-3)	IP, WB	H, M, R, B, C, HA	25 µg	VAM-SV027C	167,90
			100 µg	VAM-SV027E	366,85
SNAP-25 Monoclonal mAb (SP12)	IHC, WB	H, M, R, B, HA, P, X	25 µg	VAM-SV012C	161,00
			100 µg	VAM-SV012E	354,20
SNAP-25 pAb	WB	M, R	100 µg	VAP-SV002E	354,20
Synapsin I (phospho-Ser9)pAb	WB	H, M, R	100 µL	VAP-SV015E	529,00
Synapsin I mAb (223)	WB	M, R	100 µg	VAA-SV009E	317,40
Synapsin I pAb	WB	H, M, R, B	25 µg	VAP-SV060E	354,20
Synapsin II pAb	WB	M, R	25 µg	VAS-SV061C	142,60
			100 µg	VAS-SV061E	354,20
Synaptophysin mAb (EP10)	WB	H	100 µL	905-782-100	319,70
Synaptophysin mAb (SP15)	WB, IP, IHC	H, M, R, B	25 µL	VAM-SV011C	149,50
			100 µL	VAM-SV011E	317,40
Synaptotagmin I pAb	ICC, IP, WB	R, X	100 µL	VAS-SV008E	354,20
Synaptotagmin mAb (ASV30)	ICC, IHC, IP, WB	M, R, B, CH, F*, RB, X	50 µg	SYA-130D	186,30
			200 µg	SYA-130F	416,30
Synaptotagmin mAb (ASV48)	ICC, IHC, IP, WB	M, R, F*, MO	50 µg µg	SYA-148D	186,30
			200 µg	SYA-148F	416,30
Syntaxin 13 mAb (15G2)	WB	M, R, C, HA	25 µg	VAM-SV026C	142,60
			100 µg	VAM-SV026E	354,20
Syntaxin 1A pAb	WB	M, R, B	100 µg	VAP-SV064E	354,20
Syntaxin 2 pAb	IP, WB	H, M, R, B, C, CH, D, HA, MO, P, RB, S, X	100 µg	VAP-SV065E	354,20
Syntaxin 6 mAb (3D10)	ICC, IP, WB	M, R, HA	100 µg	VAM-SV025E	354,20
Syntaxin mAb (SP6)	ICC, IHC, IP, WB	H, M, R, B, FE, HA, P, X	25 µg	VAM-SV013C	142,60
			100 µg	VAM-SV013E	354,20
Tau (phospho-Ser262) pAb	WB	H, (B, MO)	100 µL	KAP-MA306E	451,95
Tau (phospho-Ser396) pAb	WB	H	100 µL	KAP-MA308E	451,95
Tau mAb (T1)	WB	H, M, R, B	100 µg	KAM-MA305E	451,95
VAMP (Synaptobrevin) mAb (SP10)	IHC, WB	H, M, R, B, GP, HA, MO, P, RB, S, X	25 µL	VAM-SV014C	142,60
			100 µL	VAM-SV014E	317,40
VAMP2 (Synaptobrevin) pAb	ICC, IP, WB	H, M, R, B, GP, RB, X	25 µL	VAS-SV006C	173,65
			100 µl	VAS-SV006E	403,65
Vasopressin Receptor V1B Activation-state Specific pAb	WB, IHC, EIA	H, M, R	100 µg	905-750-100	535,90

Applications:
EIA = Enzyme Immunoassay
WB = Western Blot
HC = Immunohistochemistry
ICC = Immunocytochemistry
IP = Immunoprecipitation
CL = Chemiluminescence
RIA = Radioimmunoassay
Flow = Flow cytometry
Inhibition = Inhibition assay

Species Reactivity:
H = Human
M = Mouse
R = Rabbit
B = Bovine
C = Canine
CH = Chicken
F* = Fish
(check with the product insert or website for specific fish)
GP = Guinea Pig
HA = Hamster
MO = Monkey
P = Pig
RB = Rabbit
S = Sheep
X = Xenopus
mAb = mono-clonal Antibody
pAb = poly-clonal Antibody

New GPCR Antibodies

...ELISA(EIA) Kits and others

2008

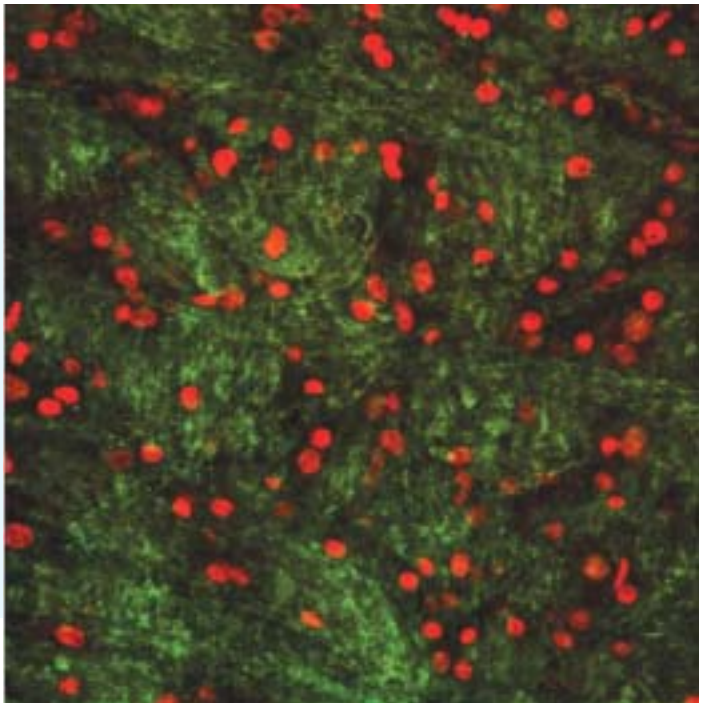
Activation site-specific G Protein-Coupled Receptor(GPCR) antibodies

Detect only agonist-activated GPCRs...

- Directly and accurately measures activated GPCRs
- Activation-sensitive for IHC and membrane ELISAs
- Receptor-specific for Western blotting
- Confirm signal transduction with cAMP and Erk1/2 ELISA kits

To date, GPCR activation has routinely been detected through secondary and down-stream GPCR signaling events, such as calcium production and Erk1/2, Akt, Src, and Stat3 activation. Novel receptor-specific antibodies, exclusively available from Assay Designs™, detect a conformational shift in the GPCR extracellular N-terminus upon agonist activation, allowing you to directly distinguish between inactive and agonist-activated receptor states.

assay designs
SIMPLIFY YOUR SCIENCE®



Angiotensin II AT1 antibody sample data
Rat brain nucleus tractic solitarus was fixed with 100% methanol and stained with propidium iodide (red) and Angiotensin II Type-1 Receptor activation site-specific polyclonal antibody at 1:1000 (green; Catalog #905-743-100)

The specificity and functional flexibility of activation-site specific GPCR antibodies represent a novel and powerful technical advancement that can be used to examine the duration and extent of endogenous receptor activation, and for the screening of pharmaceuticals such as allosteric modulators of family A GPCRs.

To learn more, please visit www.biotrend.com

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Activation site-specific Antibodies

Receptor	Applications	Species Reactivity	Cat.No.	Size	Price €
α_{2A}-Adrenergic	WB, IHC, mELISA	H,M,R	905-748-100	100µl	535,90
β_2-Adrenergic	WB, IHC, mELISA	H,M,R	905-742-100	100µl	535,90
Angiotensin II AT_1	WB, IHC, mELISA	H,M,R	905-743-100	100µl	535,90
Angiotensin II AT_2	WB, IHC, mELISA	R	905-746-100	100µl	535,90
Bradykinin B_2	WB, IHC, mELISA	R	905-747-100	100µl	535,90
Cannabinoid CB1	WB, IHC, mELISA	H,M,R,C,CH	905-708-100	100µl	535,90
Cannabinoid CB2	WB, IHC, mELISA	R	905-749-100	100µl	535,90
Dopamine-D_2	WB, IHC, mELISA	H,M,R,CH	905-740-100	100µl	535,90
δ-Opioid	WB, IHC, mELISA	H,M,R	905-745-100	100µl	535,90
µ-Opioid	WB, IHC, mELISA	H,M,R	905-744-100	100µl	535,90
Serotonin-$5HT_{1A}$	WB, IHC, mELISA	M,R	905-750-100	100µl	535,90
Vasopressin V_{1B}	WB, IHC, mELISA	H,M,R	905-741-100	100µl	535,90

Applications:
CL: Cell Lysates,
CS: Cell Culture Supernatants
IHC: Immunohistochemistry
mELISA: Membrane ELISA
S: Serum
SA: Saliva
T: Tissue
WB: Western Blot

Species:
H: Human
M: Mouse
R: Rat
C: Canine
CH: Chicken

...more Antibodies against Receptors

Cat.No. S10-9030-A-G

CCKA antibody, human, C-term. CCK1
Cholecystokinin type A receptor, Cholecystokinin type 1 receptor,G Protein-coupled receptor,
Polyclonal antibody raised against the carboxy-terminus of the human CCKA receptor.

Applications IHC(p), WB
Concentration 0.1 mg/ml
Host Rabbit
Species cross-reactivity Human
Size 50 µg
Price € 339,25

Cat.No. S11-9032-A-G

CCKA antibody, human, C-term. CCK2
Cholecystokinin type B receptor, Cholecystokinin type 1 receptor, G Protein-coupled receptor,
Polyclonal antibody raised against the carboxy-terminus of the human CCKA receptor.

Applications IHC, WB
Concentration 0.1 mg/ml
Host Rabbit
Species cross-reactivity Human
Size 50 µg
Price € 339,25

Cat.No. S12-9036-A-G

NT1 antibody, human, C-term. NTR1
Neurotensin 1 receptor, G Protein-coupled receptor
Polyclonal antibody raised human NT1 receptor.

Applications IHC, WB
Concentration 0.1 mg/ml
Host Rabbit
Species cross-reactivity Human
Size 50 µg
Price € 339,25

Cat.No. S13-9039-A-G

NT2 antibody, human, C-term. NTR2
Neurotensin 2 receptor, G Protein-coupled receptor
Polyclonal antibody raised against the carboxy-terminus of the human NT2 receptor.

Applications IHC(p), WB
Concentration 0.1 mg/ml
Host Rabbit
Species cross-reactivity Human
Size 50 µg
Price € 339,25

Cat.No. S14-9042-A-G

NK1 antibody, human, C-term.
Substance P receptor, SPR, G Protein-coupled receptor
Polyclonal antibody raised against the carboxy-terminus of the human NK1 receptor.

Applications IHC(p), WB
Concentration 0.1 mg/ml
Host Rabbit
Species cross-reactivity Human
Size 50 µg
Price € 339,25

Cat.No. S3-9009-A-G

GRPR antibody, human, C-term.
Gastrin Releasing Peptide Receptor, Bombesin Receptor, G Protein-coupled receptor
Polyclonal antibody raised against the carboxy-terminus of the human GRPR receptor.

Applications IHC(p), WB
Concentration 0.1 mg/ml
Host Rabbit
Species cross-reactivity Human
Size 50 µg
Price € 339,25

Cat.No. S4-9011-A-G

NMBR antibody, human, C-term.
Neuromedin B receptor, Neuromedin B-preferring bombesin receptor, Bombesin receptor, G Protein-coupled receptor. Polyclonal antibody raised against the carboxy-terminus of the human NMBR receptor.

Applications IHC(p), WB
Concentration 0.1 mg/ml
Host Rabbit
Species cross-reactivity Human
Size 50 µg
Price € 339,25

Cat.No. S5-9015-A-G

BRS-3 antibody, human, C-term.
Bombesin-like receptor 3, Bombesin receptor, G Protein-coupled receptor
Polyclonal antibody raised against the carboxy-terminus of the human BRS-3 receptor.

Applications IHC(p), WB
Concentration 0.1 mg/ml
Host Rabbit
Species cross-reactivity Human
Size 50 µg
Price € 339,25