

A13117

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# NLRC4 Rabbit pAb

Catalog No.: A13117 **4 Publications**

## Basic Information

### Observed MW

102kDa

### Calculated MW

116kDa

### Category

Polyclonal Antibody

### Applications

WB,IHC-P,ELISA

### Cross-Reactivity

Human,Mouse

## Background

Enables identical protein binding activity. Involved in several processes, including positive regulation of interleukin-1 beta production; protein homooligomerization; and response to bacterium. Acts upstream of or within regulation of apoptotic process and regulation of cysteine-type endopeptidase activity involved in apoptotic process. Located in cytosol. Part of IPAF inflammasome complex. Used to study familial cold autoinflammatory syndrome 4. Human ortholog(s) of this gene implicated in familial cold autoinflammatory syndrome 4. Orthologous to human NLRC4 (NLR family CARD domain containing 4).

## Recommended Dilutions

WB	1:500 - 1:2000
IHC-P	1:50 - 1:200

## Immunogen Information

### Gene ID

268973

### Swiss Prot

Q9NPP4

### Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 89-159 of Mouse NLRC4 (NP\_001028539.1).

### Synonyms

CLAN; IPAF; CLAN1; CLANA; CLANB; CLANC; CLAND; Card12; 9530011P19Rik; NLRC4

## Contact

 [www.abclonal.com](http://www.abclonal.com)

## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

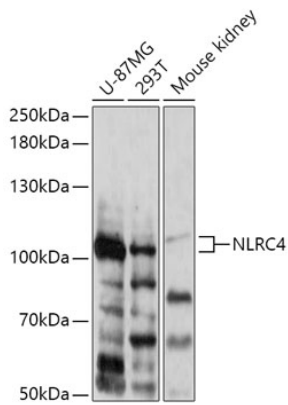
Affinity purification

### Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.05% proclin300,50% glycerol,pH7.3.

## Validation Data



Western blot analysis of various lysates using NLRC4 Rabbit pAb (A13117) at 1:1000 dilution.

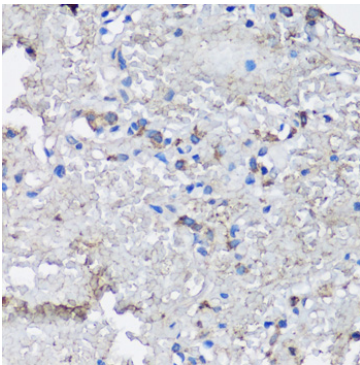
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25µg per lane.

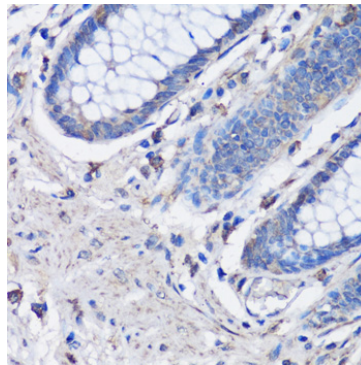
Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

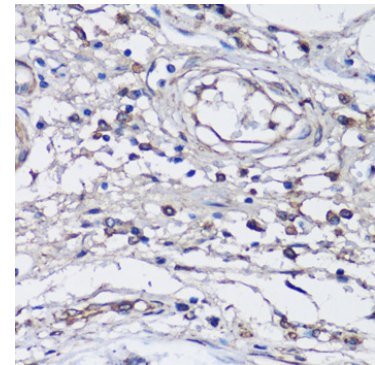
Exposure time: 120s.



Immunohistochemistry analysis of paraffin-embedded Human lung using NLRC4 Rabbit pAb (A13117) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.



Immunohistochemistry analysis of paraffin-embedded Human colon using NLRC4 Rabbit pAb (A13117) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.



Immunohistochemistry analysis of paraffin-embedded Human gastric cancer using NLRC4 Rabbit pAb (A13117) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.