

A11691

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# Aggrecan Rabbit mAb

Catalog No.: A11691 **Recombinant** **18 Publications**

## Basic Information

### Observed MW

261kDa

### Calculated MW

261kDa

### Category

SMab Recombinant Monoclonal Antibody

### Applications

WB,IHC-P,ELISA

### Cross-Reactivity

Mouse,Rat

### CloneNo number

ARC0678

## Background

This gene is a member of the aggrecan/versican proteoglycan family. The encoded protein is an integral part of the extracellular matrix in cartilagenous tissue and it withstands compression in cartilage. Mutations in this gene may be involved in skeletal dysplasia and spinal degeneration. Multiple alternatively spliced transcript variants that encode different protein isoforms have been observed in this gene.

## Recommended Dilutions

WB	1:500 - 1:1000
IHC-P	1:50 - 1:200

## Immunogen Information

### Gene ID

176

### Swiss Prot

P16112

### Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 761-861 of human Aggrecan (P16112).

### Synonyms

AGC1; SEDK; AGCAN; CSPG1; MSK16; CSPGCP; SSOAOD; Aggrecan

## Contact



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

## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

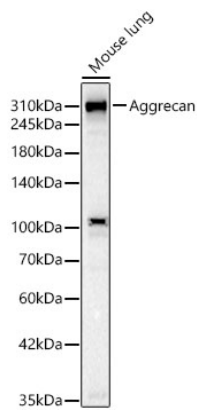
Affinity purification

### Storage

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

Buffer: PBS with 0.02% sodium azide,0.05% BSA,50% glycerol,pH7.3.

## Validation Data



Western blot analysis of lysates from Mouse lung, using Aggrecan Rabbit mAb (A11691) at 1:1000 dilution.

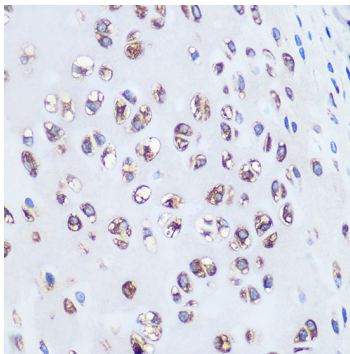
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25ug per lane.

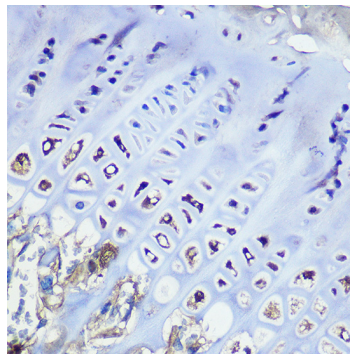
Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 30s.



Immunohistochemistry analysis of paraffin-embedded rat bone marrow using Aggrecan Rabbit mAb (A11691) 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 mouse bone marrow using Aggrecan Rabbit mAb (A11691) 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.