

Aggrecan Rabbit mAb

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

Basic Information

Observed MW

261kDa

Calculated MW

261kDa

Category

Primary antibody

Applications

ELISA, WB, IHC-P

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 cartilaginous 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

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Product Information

Source

Rabbit

Isotype

IgG

Purification

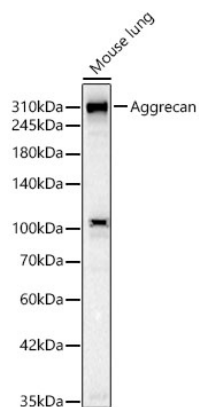
Affinity purification

Storage

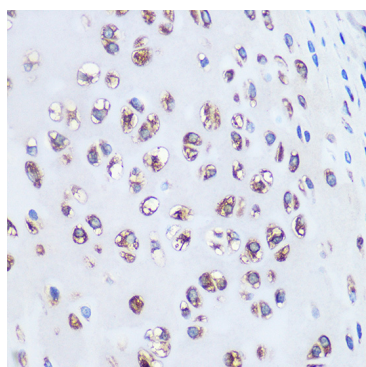
Store at -20°C. Avoid freeze / thaw cycles.

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

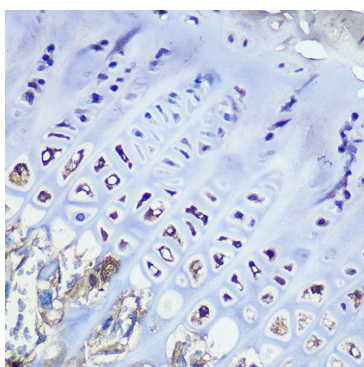
Validation Data



Western blot analysis of 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.