

Aggrecan Antibody

Rabbit mAb Catalog # AP91314

Specification

Aggrecan Antibody - Product Information

Application IHC
Primary Accession P16112
Clonality Monoclonal

Other Names

ACAN; AGC1; AGCAN; Aggrecan 1; CSPG1; CSPGCP; JSCATE; Large aggregating proteoglycan;

mcspg; mgsk16; MSK 16; SEDK;

Isotype Rabbit IgG
Host Rabbit
Calculated MW 261329 Da

Aggrecan Antibody - Additional Information

Dilution IHC~~1:100~500

Purification Affinity-chromatography

Immunogen A synthesized peptide derived from human

Aggrecan

Description Aggrecan cleavage has been associated

with a number of degenerative diseases

including rheumatoid arthritis and

osteoarthritis. There is evidence that this family of proteoglycans modulates cell adhesion, migration, and axonal outgrowth

in the CNS.

Storage Condition and Buffer Rabbit IgG in phosphate buffered saline,

pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid

freeze / thaw cycle.

Aggrecan Antibody - Protein Information

Name ACAN

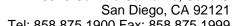
Synonyms AGC1, CSPG1, MSK16

Function

This proteoglycan is a major component of extracellular matrix of cartilagenous tissues. A major function of this protein is to resist compression in cartilage. It binds avidly to hyaluronic acid via an N-terminal globular region.

Cellular Location

Secreted, extracellular space, extracellular matrix {ECO:0000250|UniProtKB:P07898}





Tissue Location

Detected in fibroblasts (at protein level) (PubMed:36213313). Restricted to cartilage (PubMed:7524681)

Aggrecan Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- <u>Immunofluorescence</u>
- <u>Immunoprecipitation</u>
- Flow Cytomety
- Cell Culture

Aggrecan Antibody - Images