

Anti-Aggrecan Rabbit Monoclonal Antibody

Catalog # ABO15157

Product Information

Application	IHC
Primary Accession	P16112
Host	Rabbit
Isotype	IgG
Reactivity	Human
Clonality	Monoclonal
Format	Liquid
Description	Anti-Aggrecan Rabbit Monoclonal Antibody . Tested in IHC application. This antibody reacts with Human.

Additional Information

Gene ID	176
Other Names	Aggrecan core protein, Cartilage-specific proteoglycan core protein, CSPCP, Chondroitin sulfate proteoglycan core protein 1, Chondroitin sulfate proteoglycan 1, Aggrecan core protein 2, ACAN, AGC1, CSPG1, MSK16
Calculated MW	261329
Application Details	IHC 1:50-1:200
Source	Eukaryota
Contents	Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.
Clone Names	Clone: 17A33
Immunogen	A synthesized peptide derived from human Aggrecan
Purification	Affinity-chromatography
Storage	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.

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.

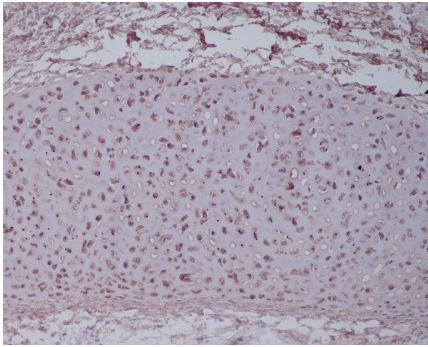
Cellular Location

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

Tissue Location

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

Images



Immunohistochemical analysis of paraffin-embedded human cartilage tissue, using Aggrecan Antibody.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.