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Aggrecan Rabbit mAb

Catalog # AP77691

Product Information

Application	IHC-P
Primary Accession	P16112
Reactivity	Human
Host	Rabbit
Clonality	Monoclonal Antibody
Isotype	IgG
Conjugate	Unconjugated
Immunogen	A synthesized peptide derived from human Aggrecan
Purification	Affinity Chromatography
Calculated MW	261329

Additional Information

Gene ID	176
Other Names	ACAN
Dilution	IHC-P~~N/A
Format	Liquid in 10mM PBS, pH 7.4, 150mM sodium chloride, 0.05% BSA, 0.02% sodium azide and 50% glycerol.
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid 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)

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