

# Aggrecan Rabbit mAb

Catalog # AP77691

## Product Information

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<b>Application</b>	IHC-P
<b>Primary Accession</b>	<a href="#">P16112</a>
<b>Reactivity</b>	Human
<b>Host</b>	Rabbit
<b>Clonality</b>	Monoclonal Antibody
<b>Isotype</b>	IgG
<b>Conjugate</b>	Unconjugated
<b>Immunogen</b>	A synthesized peptide derived from human Aggrecan
<b>Purification</b>	Affinity Chromatography
<b>Calculated MW</b>	261329

## Additional Information

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

## Protein Information

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<b>Name</b>	ACAN
<b>Synonyms</b>	AGC1, CSPG1, MSK16
<b>Function</b>	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.
<b>Cellular Location</b>	Secreted, extracellular space, extracellular matrix {ECO:0000250 UniProtKB:P07898}
<b>Tissue Location</b>	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'.