

Rabbit anti-Human, Rat Aggrecan Monoclonal Antibody | anti-ACAN antibody

Aggrecan Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA312505	Rabbit	Human, Rat	Immunohistochemistry

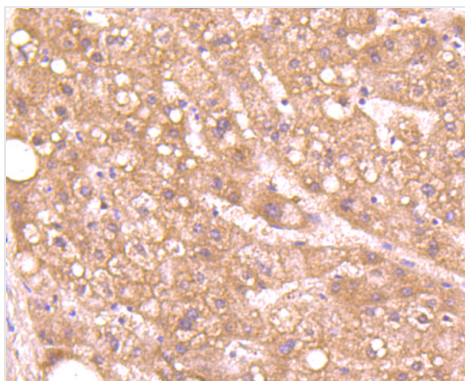
PRODUCT SYNONYMS

Aggrecan; Monoclonal Antibody; Aggrecan Antibody; ACAN antibody; AGC 1 antibody; AGC1 antibody; AGCAN antibody; Aggrecan 1 (chondroitin sulfate proteoglycan 1; large aggregating proteoglycan; antigen identified by monoclonal antibody; A0122) antibody; Aggrecan 1 antibody; Aggrecan core protein antibody; Aggrecan proteoglycan antibody; Aggrecan structural proteoglycan of cartilage antibody; Aggrecan1 antibody; ATEGQV antibody; Cartilage specific proteoglycan core protein antibody; Chondroitin sulfate proteoglycan 1 antibody; Chondroitin sulfate proteoglycan 1 large aggregating proteoglycan antigen identified by monoclonal antibody; A0122 antibody; Chondroitin sulfate proteoglycan core protein 1 antibody; CSPG 1 antibody; CSPG1 antibody; CSPGCP antibody; JSCATE antibody; Large aggregating proteoglycan antibody; mcspg antibody; mgsk16 antibody; MSK 16 antibody; MSK16 antibody; SEDK antibody; anti-ACAN antibody

PRODUCT SPECIFICATIONS

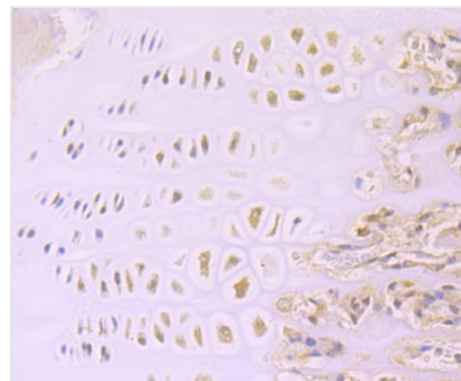
Host	Rabbit
Reactivity	Human, Rat
Clonality	Monoclonal
Clone Number	JA40-23
Purity/Purification	ProA affinity purified
Form/Format	1*TBS (pH7.4), 1% BSA, 40% Glycerol. Preservative: 0.05% Sodium Azide.
Applicable Applications for anti-ACAN antibody	IHC (Immunohistochemistry)
Antibody Type	Recombinant Antibody
Immunogen	Recombinant protein
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human liver tissue using anti-Aggrecan antibody. Counter stained with hematoxylin.



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded rat cartilage tissue using anti-Aggrecan antibody. Counter stained with hematoxylin.

ADDITIONAL INFORMATION

Related Product Information for anti-ACAN antibody	The large chondroitin sulfate proteoglycan, aggrecan, is the predominant proteoglycan present in cartilage. Aggrecan is a member of the chondroitin sulphate proteoglycan family, which also includes versican/PG-M, neurocan and brevican. Aggrecan is a complex multidomain macromolecule that undergoes extensive processing and post-translational modification. Aggrecan in cartilage forms aggregates with hyaluronan and link protein, embedded in a collagen network. Aggrecan accounts for the compressive stiffness and resilience of the hyaline cartilage. Many forms of inflammatory arthritis are shown to be accompanied with aggrecan degradation and loss from the cartilage. Brevican is a brain proteoglycan of the aggrecan/versican/neurocan family. In the adult brain, the brevican core protein undergoes proteolytic cleavage and exists as a full-length form a carboxy-terminal fragment and an amino-terminal fragment.
Product Categories/Family for anti-ACAN antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	129886
NCBI GeneID	176
UniProt Accession #	P16112; Q13650; Q9UCD3; Q9UCP4; Q9UCP5; Q9UDE0
Molecular Weight	250,193 Da
NCBI Official Full Name	Aggrecan core protein
NCBI Official Synonym Full Names	aggrecan
NCBI Official Symbol	ACAN
NCBI Official Synonym Symbols	AGC1; SEDK; AGCAN; CSPG1; MSK16; CSPGCP
NCBI Protein Information	aggrecan core protein; large aggregating proteoglycan; cartilage-specific proteoglycan core protein; chondroitin sulfate proteoglycan core protein 1
UniProt Protein Name	Aggrecan core protein
UniProt Gene Name	ACAN
UniProt Synonym Gene Names	AGC1; CSPG1; MSK16; CSPCP
UniProt Entry Name	PGCA_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/aggrecan-antibody-clone-ja40-23-immunohistochemistry-elisa/312505>