

Rabbit anti-Mouse, Rat Aggrecan Polyclonal Antibody | anti-ACAN antibody

Aggrecan Polyclonal Antibody

CATALOG # AAA179481	HOST Rabbit	REACTIVITY Mouse, Rat	APPLICATIONS Immunofluorescence, Western Blot
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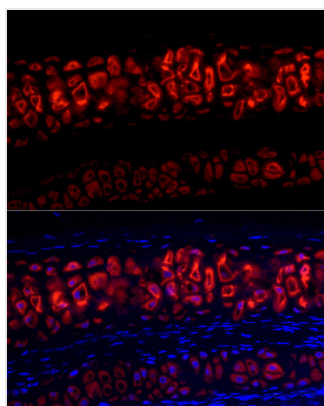
PRODUCT SYNONYMS

Aggrecan; Polyclonal Antibody; Aggrecan Polyclonal Antibody; ACAN; AGC1; AGCAN; CSPG1; CSPGCP; MSK16; SEDK; aggrecan; anti-ACAN antibody

PRODUCT SPECIFICATIONS

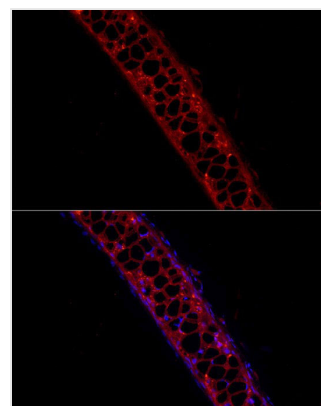
Host	Rabbit
Reactivity	Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.05% proclin300,50% glycerol,pH7.3.
Concentration	1mg/mL (varies by lot)
Applicable Applications for anti-ACAN antibody	IF (Immunofluorescence), WB (Western Blot)
Immunogen	Recombinant fusion protein of human Aggrecan
Preparation and Storage	Storage: -20 degree C/One year. Avoid freeze/thaw cycles.

IMAGES



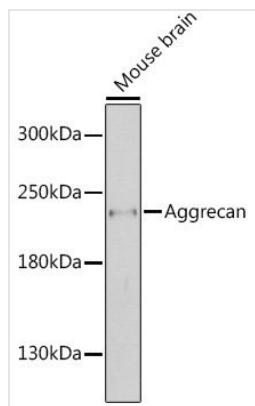
IF (Immunofluorescence)

Immunofluorescence analysis of Rat cartilage cells using Aggrecan Polyclonal Antibody at dilution of 1:100 (40x lens).Blue: DAPI for nuclear staining.



IF (Immunofluorescence)

Immunofluorescence analysis of Mouse cartilage cells using Aggrecan Polyclonal Antibody at dilution of 1:50 (40x lens). Blue: DAPI for nuclear staining.



WB (Western Blot)

Western blot analysis of extracts of mouse brain using Aggrecan Polyclonal Antibody at 1:1000 dilution.

ADDITIONAL INFORMATION

Related Product Information for anti-ACAN antibody	This gene is member of the aggrecan/versican proteoglycan family. The encoded protein is an integral part of the extracellular matrix in cartilagenous tissue and it withstands compression in cartilage. Mutations in this gene may be involved in skeletal dysplasia and spinal degeneration. Multiple alternatively spliced transcript variants that encode different protein isoforms have been observed in this gene.
Product Categories/Family for anti-ACAN antibody	Antibodies ; Primary Antibodies ; Polyclonal Antibody

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://www.aaabiotech.com/polyclonal/aggrecan-antibody-immunofluorescence-western-blot-elisa/179481>