

Rabbit Aggrecan Polyclonal Antibody | anti-ACAN antibody

Rabbit anti-Aggrecan Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA223216	Rabbit	Human, Mouse, Rat, Bovine, Dog, Pig, Rabbit, Sheep	Immunohistochemistry, Western Blot

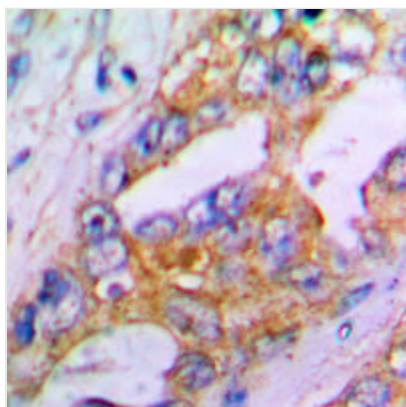
PRODUCT SYNONYMS

Aggrecan; Polyclonal Antibody; Rabbit anti-Aggrecan Antibody; AGC1; CSPG1; MSK16; Aggrecan core protein; Cartilage-specific proteoglycan core protein; CSPCP; Chondroitin sulfate proteoglycan core protein 1; Chondroitin sulfate proteoglycan 1; anti-ACAN antibody

PRODUCT SPECIFICATIONS

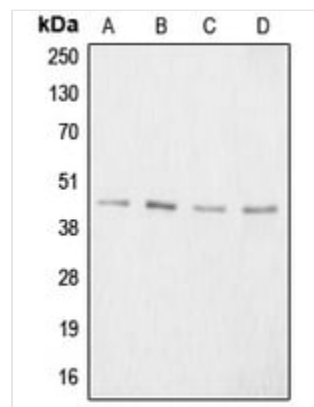
Host	Rabbit
Reactivity	Human, Mouse, Rat, Bovine, Dog, Pig, Rabbit, Sheep
Clonality	Polyclonal
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Form/Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Concentration	1mg/mL (varies by lot)
Applicable Applications for anti-ACAN antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of human Aggrecan. The exact sequence is proprietary.
Preparation and Storage	Store at -20 degree C. Avoid repeated freeze/thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemical analysis of Aggrecan staining in human lung cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



WB (Western Blot)

Western blot analysis of Aggrecan expression in HeLa colchicine-treated (A), mouse kidney (B), PC12 colchicine-treated (C), NIH3T3 (D) whole cell lysates.

ADDITIONAL INFORMATION

Product Categories/Family for anti-ACAN antibody	Primary antibodies
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NCBI AND UNIPROT INFORMATION

NCBI GI #	129886
NCBI GeneID	176
UniProt Accession #	P16112; Q61282; P07897
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/polyclonal/aggrecan-antibody-immunohistochemistry-western-blot-elisa/223216>