

anti-Human, Rat AggreCAN Antibody | anti-ACAN antibody

AggreCAN (Cleaved-Asp369) Antibody

CATALOG # AAA110856	REACTIVITY Human, Rat	APPLICATIONS ELISA, Immunohistochemistry, Western Blot
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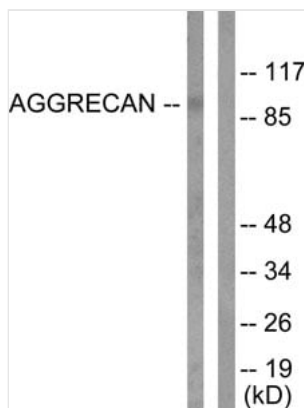
PRODUCT SYNONYMS

AggreCAN; AggreCAN (Cleaved-Asp369) Antibody; CSPG1; CSPGCP; MSK16; CHONDROITIN SULFATE PROTEOGLYCAN CORE PROTEIN 1; aggreCAN 1 (chondroitin sulfate proteoglycan 1; large aggregating proteoglycan; antigen identified by monoclonal antibody A0122); aggreCAN 1 isoform 1 precursor; aggreCAN 1 isoform 2 precursor; cartilage-specific proteoglycan core protein; anti-ACAN antibody

PRODUCT SPECIFICATIONS

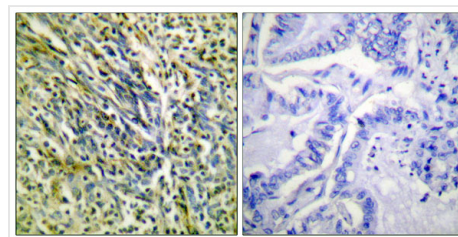
Reactivity	Human, Rat
Specificity	AggreCAN (Cleaved-Asp369) antibody detects endogenous levels of fragment of activated AggreCAN resulting from cleavage adjacent to Asp369.
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Form/Format	In phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Sequence Length	2431
Applicable Applications for anti-ACAN antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	The antiserum was produced against synthesized peptide derived from human AggreCAN.
All Sites	Human: Asp369 Rat: Asp369
Preparation and Storage	Store at -20 degree C for 1 year

IMAGES



WB (Western Blot)

Western blot analysis of extracts from Jurkat cells, treated with Etoposide (25uM, 60mins), using AggreCAN (Cleaved-Asp369) antibody (#L0101). Etoposide "Left Lane" + "Right lane" + Cl-peptide "Left Lane" - "Right lane" +



IHC (Immunohistochemistry)

Cl-Peptide+ Immunohistochemical analysis of paraffin-embedded human lung carcinoma tissue using AggreCAN (Cleaved-Asp369) antibody (#L0101).

ADDITIONAL INFORMATION

Product Categories/Family for anti-ACAN antibody	Autophagy antibody; Cancer; Cardiovascular; Cell Biology; Epigenetics & Nuclear Signaling; Developmental Biologys; Immunology; Drug Discovery Products; Metabolism; Neuroscience; Signal Transduction; Stem Cells
References	Ichiro Sekiya, J. Biol. Chem., Apr 2000; 275: 10738. Ying Liu, J. Biol. Chem., Nov 1997; 272: 29880. Russell T. Matthews, J. Neurosci., Sep 2002; 22: 7536. Amit Agrawal, Am J Physiol Cell Physiol, Apr 2007; 10.1152.

NCBI AND UNIPROT INFORMATION

NCBI GI #	256017259
NCBI GeneID	176
NCBI Accession #	NP_001126.3
NCBI GenBank Nucleotide #	NM_001135.3
UniProt Accession #	P16112; Q13650; Q9UCD3; Q9UCP4; Q9UCP5; Q9UDE0; B9EK55; E7ENV9; E7EX88; H0YM81
Molecular Weight	250,372 Da
NCBI Official Full Name	aggrecan core protein isoform 1
NCBI Official Synonym Full Names	aggrecan
NCBI Official Symbol	ACAN
NCBI Official Synonym Symbols	AGC1; SEDK; AGCAN; CSPG1; MSK16; CSPGCP; SSOAOD
NCBI Protein Information	aggrecan core protein
UniProt Protein Name	Aggrecan core protein
UniProt Gene Name	ACAN
UniProt Synonym Gene Names	AGC1; CSPG1; MSK16; CSPCP; Chondroitin sulfate proteoglycan 1

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/human-rat-antibody/aggrecan/110856>