

Datasheet for ABIN1536077

anti-Aggrecan antibody (Cleaved-Asp369)[Go to Product page](#)**2** Images

Overview

Quantity:	100 µL
Target:	Aggrecan (ACAN)
Binding Specificity:	AA 320-369, Cleaved-Asp369
Reactivity:	Human, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Aggrecan antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA

Product Details

Immunogen:	The antiserum was produced against synthesized peptide derived from human Aggrecan.
Isotype:	IgG
Specificity:	Aggrecan (Cleaved-Asp369) Antibody detects endogenous levels of fragment of activated Aggrecan resulting from cleavage adjacent to Asp369.
Purification:	The antibody was purified from rabbit antiserum by affinity-chromatography using immunogen.
Purity:	> 95 %

Target Details

Target:	Aggrecan (ACAN)
Alternative Name:	Aggrecan (ACAN Products)

Target Details

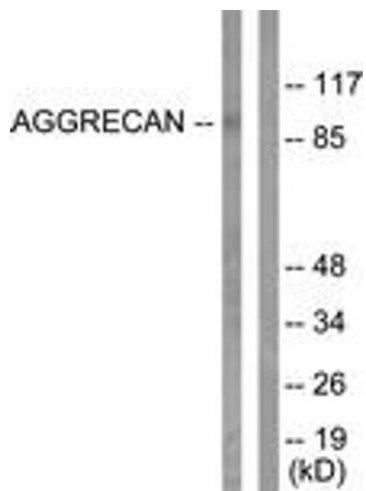
Background:	Synonyms: aggrecan core protein, cartilage-specific proteoglycan core protein, chondroitin sulfate proteoglycan core protein 1, CSPCP, CSPG1, PGCA, PGCA NCBI Gene Symbol: ACAN
Molecular Weight:	44 kDa
Gene ID:	176
OMIM:	155760
UniProt:	P16112
Pathways:	Glycosaminoglycan Metabolic Process , Dicarboxylic Acid Transport

Application Details

Application Notes:	WB: 1:500~1:1000 IHC: 1:50~1:100 ELISA: 1:20000
Comment:	Unigene-Number: Hs.2159, Hs.616395 (NCBI Gene Symbol: ACAN)
Restrictions:	For Research Use only

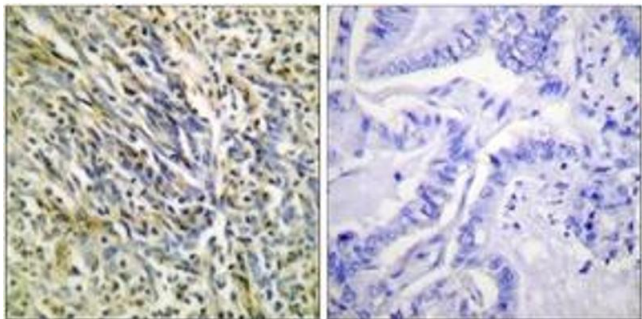
Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Stable at -20°C for at least 1 year.
Expiry Date:	12 months



Western Blotting

Image 1. Western blot analysis of extracts from Jurkat cells, treated with Etoposide 25uM 60', using AggreCAN (Cleaved-Asp369) Antibody. The lane on the right is treated with the synthesized peptide.



Immunohistochemistry

Image 2. Immunohistochemistry analysis of paraffin-embedded human lung carcinoma tissue, using AggreCAN (Cleaved-Asp369) Antibody. The picture on the right is treated with the synthesized peptide.