

Datasheet for ABIN7294876

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

Overview

Quantity:	100 µL
Target:	Aggrecan (ACAN)
Binding Specificity:	N-Term
Reactivity:	Human, Rat, Mouse, Rabbit, Cow, Pig, Dog, Sheep
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Aggrecan antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of human Aggrecan.
Specificity:	Recognizes endogenous levels of Aggrecan protein.
Characteristics:	Rabbit polyclonal antibody to Aggrecan
Purification:	The antibody was purified by immunogen affinity chromatography.

Target Details

Target:	Aggrecan (ACAN)
Alternative Name:	Aggrecan (ACAN Products)
Background:	AGC1, CSPG1, MSK16, Aggrecan core protein, Cartilage-specific proteoglycan core protein,

Target Details

	CSPCP, Chondroitin sulfate proteoglycan core protein 1, Chondroitin sulfate proteoglycan 1
Gene ID:	176, 11595, 58968
UniProt:	P16112 , Q61282 , P07897
Pathways:	Glycosaminoglycan Metabolic Process , Dicarboxylic Acid Transport

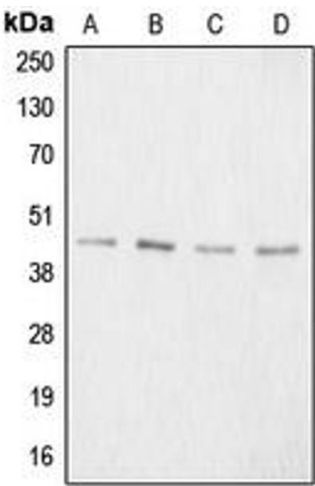
Application Details

Application Notes:	WB (1:500 - 1:1000), IH (1:100 - 1:200)
Restrictions:	For Research Use only

Handling

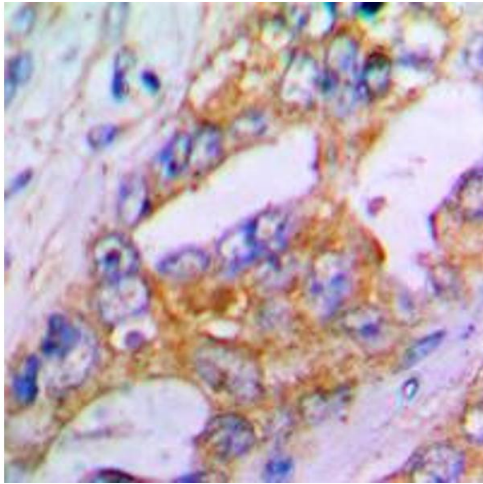
Format:	Liquid
Buffer:	Liquid in 0.42 % Potassium phosphate, 0.87 % Sodium chloride, pH 7.3, 30 % glycerol, and 0.01 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Shipped at 4°C. Upon delivery aliquot and store at -20°C for one year. Avoid freeze/thaw cycles.
Expiry Date:	12 months

Images



Western Blotting

Image 1. Western blot analysis of Aggrecan expression in HeLa colchicine-treated (A), mouse kidney (B), PC12 colchicine-treated (C), NIH3T3 (D) whole cell lysates.



Immunohistochemistry

Image 2. 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.