

[Go to Product page](#)

Datasheet for ABIN673608

anti-Aggrecan antibody (AA 101-220) (HRP)

Overview

Quantity:	100 µL
Target:	Aggrecan (ACAN)
Binding Specificity:	AA 101-220
Reactivity:	Human, Rat, Mouse, Rabbit
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Aggrecan antibody is conjugated to HRP
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human Aggrecan core protein
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rabbit, Rat
Predicted Reactivity:	Dog,Cow,Pig,Horse,Chicken
Purification:	Purified by Protein A.

Target Details

Target:	Aggrecan (ACAN)
Alternative Name:	Aggrecan core protein 1 (ACAN Products)

Target Details

Background:	Synonyms: AGC1, SEDK, AGCAN, CSPG1, MSK16, CSPGCP, Aggrecan core protein, Cartilage-specific proteoglycan core protein, CSPCP, Chondroitin sulfate proteoglycan core protein 1, Chondroitin sulfate proteoglycan 1, ACAN Background: This proteoglycan is a major component of extracellular matrix of cartilagenous tissues. A major function of this protein is to resist compression in cartilage. It binds avidly to hyaluronic acid via an N-terminal globular region.
Gene ID:	176
UniProt:	P16112
Pathways:	Glycosaminoglycan Metabolic Process , Dicarboxylic Acid Transport

Application Details

Application Notes:	WB 1:300-5000 IHC-P 1:200-400 IHC-F 1:100-500
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Handling Advice:	Do NOT add Sodium Azide! Use of Sodium Azide will inhibit enzyme activity of horseradish peroxidase.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.
Expiry Date:	12 months