

Datasheet for ABIN7443377

anti-Aggrecan antibody (AA 2066-2316)[Go to Product page](#)**1** Image

Overview

Quantity:	100 µL
Target:	Aggrecan (ACAN)
Binding Specificity:	AA 2066-2316
Reactivity:	Cow
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Aggrecan antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Polyclonal Antibody to Aggrecan (AGC)
Immunogen:	Recombinant Aggrecan (AGC) corresponding to Glu2066~Arg2316 (Accession # P13608)
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against AGC. It has been selected for its ability to recognize AGC in immunohistochemical staining and western blotting.
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Target Details

Target:	Aggrecan (ACAN)
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Target Details

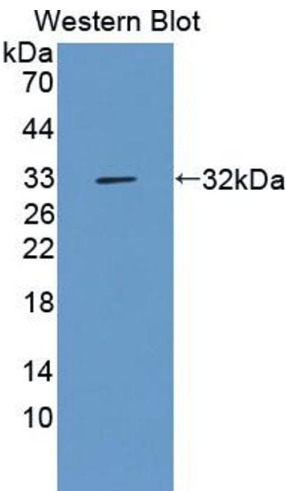
Alternative Name:	Aggrecan (ACAN Products)
Background:	ACAN, AGC1, AGCAN, CSPG1, CSPCP, CSPGCP, MSK16, SEDK, Cartilage-specific proteoglycan core protein, Large Aggregating Proteoglycan, Chondroitin Sulfate Proteoglycan 1
Pathways:	Glycosaminoglycan Metabolic Process , Dicarboxylic Acid Transport

Application Details

Application Notes:	Western blotting: 0.5-2 µg/mL 1:500-2000 Immunohistochemistry: 5-20 µg/mL 1:50-200 Immunocytochemistry: 5-20 µg/mL 1:50-200 Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	PBS, pH 7.4, containing 0.02 % Sodium azide, 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:	4 °C, -20 °C
Storage Comment:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.
Expiry Date:	24 months



Western Blotting

Image 1. Detection of Recombinant AGC, Cattle using Polyclonal Antibody to Aggrecan (AGC)