



[Go to Product page](#)

Datasheet for ABIN7438313

## anti-Aggrecan antibody (AA 2162-2316)

### 1 Image

#### Overview

Quantity:	100 µL
Target:	Aggrecan (ACAN)
Binding Specificity:	AA 2162-2316
Reactivity:	Human
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 Ala2162~Pro2316 (Accession # P16112)
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)
---------	-----------------

## Target Details

---

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

## Application Details

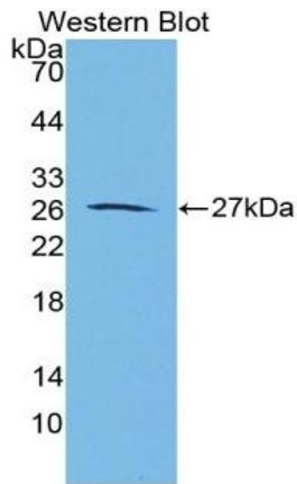
---

Application Notes:	Western blotting: 0.5-2 µg/mL Immunohistochemistry: 5-20 µg/mL Immunocytochemistry: 5-20 µg/mL 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:	0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 50 % glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: 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, Human using Polyclonal Antibody to Aggrecan (AGC)