Datasheet for ABIN1731433

# anti-Aggrecan antibody (N-Term)

1 Image

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## Overview

| | |
|---|---|
| Quantity: | 50 µg |
| Target: | Aggrecan (ACAN) |
| Binding Specificity: | N-Term |
| Reactivity: | Human, Hamster, Monkey |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This Aggrecan antibody is un-conjugated |
| Application: | Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)) |

## Product Details

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|---|---|
| Immunogen: | Synthetic 18 amino acid peptide from N-terminus of human ACAN / Aggrecan. Percent identity with other species by BLAST analysis: Human, Gorilla, Monkey, Marmoset, Hamster, Pig (100%), Mouse, Rat, Bovine, Panda, Horse (94%), Dog, Elephant (89%), Bat (83%). |
| Isotype: | IgG |
| Specificity: | Reacts with Aggrecan from Human, Gorilla, Monkey, Hamster, Pig |
| Cross-Reactivity: | Rat (Rattus) |
| Cross-Reactivity (Details): | Predicted to cross react with Mouse, Rat, Bovine, Horse. BLAST analysis of the peptide immunogen showed no homology with other human proteins, except NCAN (56 % ). |
| Purification: | Antiserum |

## Target Details

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|---|---|
| Target: | Aggrecan (ACAN) |
| Alternative Name: | ACAN / Aggrecan (ACAN Products) |
| Background: | Crucial component of the extracellular matrix of cartilagenous tissue. Mutated form of Aggrecan is involved in skeletal dysplasia and spinal degeneration. |
| Gene ID: | 176 |
| Pathways: | Glycosaminoglycan Metabolic Process, Dicarboxylic Acid Transport |

## Application Details

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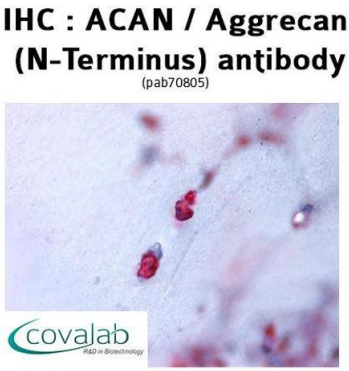
|---|---|
| Application Notes: | Working dilution: Optimal dilutions should be determined by the end user.<br>The following are guidelines only:<br>IHC - P (7 µg/mL) |
| Restrictions: | For Research Use only |

## Handling

| | |
|---|---|
| Format: | Liquid |
| Concentration: | 1 mg/mL |
| Buffer: | PBS, Sodium azide 0.1 % |
| 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/-80 °C |
| Storage Comment: | Long term: -70°C, Short term: +4°C |




Anti-ACAN / Aggrecan antibody pab70805 IHC staining of human bone, cartilage. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.

**Image 1.**