



Datasheet for ABIN290073
anti-ADAMTS4 antibody (C-Term)



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2 Images

Overview

Quantity:	50 µg
Target:	ADAMTS4
Binding Specificity:	C-Term
Reactivity:	Human, Horse, Dog
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ADAMTS4 antibody is un-conjugated
Application:	Immunohistochemistry (IHC), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Brand:	IHC-plus™
Immunogen:	Synthetic 17 amino acid peptide from C-terminus of human ADAMTS4. Percent identity with other species by BLAST analysis: Human, Orangutan, Gibbon, Dog, Horse (100%), Marmoset, Bat, Bovine, Elephant, Panda (94%), Monkey, Pig, Opossum (88%), Mouse, Rat, Hamster (82%). Type of Immunogen: Synthetic peptide
Specificity:	Human ADAMTS4. BLAST analysis of the peptide immunogen showed no homology with other human proteins.
Predicted Reactivity:	Percent identity with other species by BLAST analysis: Human, Orangutan, Gibbon, Dog, Horse (100%) Marmoset, Bat, Bovine, Elephant, Panda (94%) Monkey, Pig, Opossum (88%) Mouse, Rat, Hamster (82%).

Product Details

Purification: Immunoaffinity purified

Target Details

Target: ADAMTS4

Alternative Name: ADAMTS4 ([ADAMTS4 Products](#))

Background: Name/Gene ID: ADAMTS4
Subfamily: Metallopeptidase M12B
Family: Protease

Synonyms: ADAMTS4, ADAMTS-2, ADAMTS-4, ADAM-TS 4, ADAM-TS4, ADMP-1, Aggrecanase-1, KIAA0688

Gene ID: 9507

Application Details

Application Notes: Approved: IHC, IHC-P (20 µg/mL)

Usage: Immunohistochemistry: This antibody was validated for use in immunohistochemistry on a panel of 21 formalin-fixed, paraffin-embedded (FFPE) human tissues after heat induced antigen retrieval in pH 6.0 citrate buffer. After incubation with the primary antibody, slides were incubated with biotinylated secondary antibody, followed by alkaline phosphatase-streptavidin and chromogen. The stained slides were evaluated by a pathologist to confirm staining specificity. The optimal working concentration for this antibody was determined to be 20 µg/mL.

Comment: Target Species of Antibody: Human

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: Lot specific

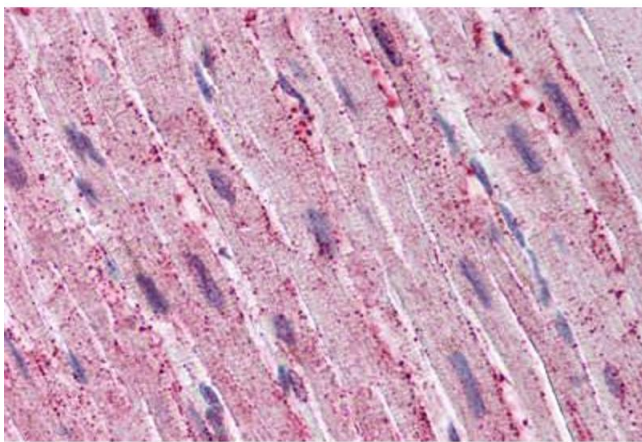
Buffer: PBS, less than 0.1 % sodium azide.

Preservative: Sodium azide

Handling

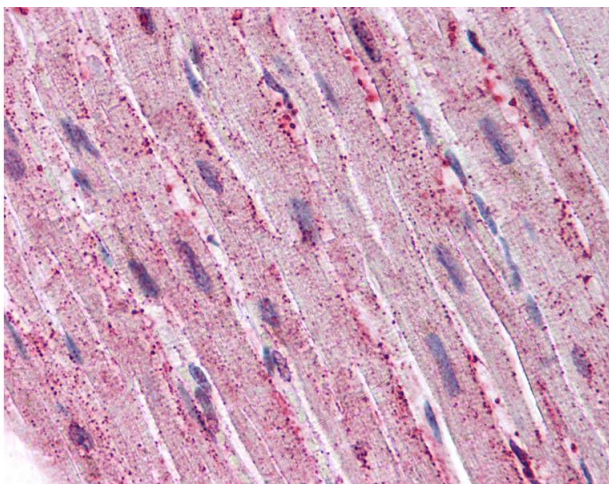
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Aliquot and store undiluted at -20°C or below for up to 1 year. Can be stored undiluted at 4°C for up to 1 month. Avoid freeze-thaw cycles.
Expiry Date:	12 months

Images



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Human Heart (formalin-fixed, paraffin-embedded) stained with ADAMTS4 antibody ABIN290073 at 20 ug/ml followed by biotinylated goat anti-rabbit IgG secondary antibody ABIN481713, alkaline phosphatase-streptavidin and chromogen.



Immunohistochemistry

Image 2. Anti-ADAMTS4 antibody IHC of human heart. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.