

Datasheet for ABIN625840
anti-ADAMTS4 antibody (Internal Region)[Go to Product page](#)

2 Images

Overview

Quantity:	50 µg
Target:	ADAMTS4
Binding Specificity:	Internal Region
Reactivity:	Human, Mouse, Rat, Horse, Dog, Cow, Monkey, Bat, Pig
Host:	Rabbit
Clonality:	Polyclonal
Application:	Immunohistochemistry (IHC), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Brand:	IHC-plus™
Immunogen:	Synthetic 16 amino acid peptide from internal region of human ADAMTS4. Percent identity with other species by BLAST analysis: Human, Orangutan, Gibbon, Monkey, Marmoset, Mouse, Rat, Dog, Bat, Bovine, Elephant, Panda, Horse, Pig, Opossum (100%), Guinea pig (94%). 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, Monkey, Marmoset, Mouse, Rat, Dog, Bat, Bovine, Elephant, Panda, Horse, Pig, Opossum (100%) Guinea pig (94%).
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 (12 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 12 µg/mL.
Comment:	Target Species of Antibody: Human
Restrictions:	For Research Use only

Handling

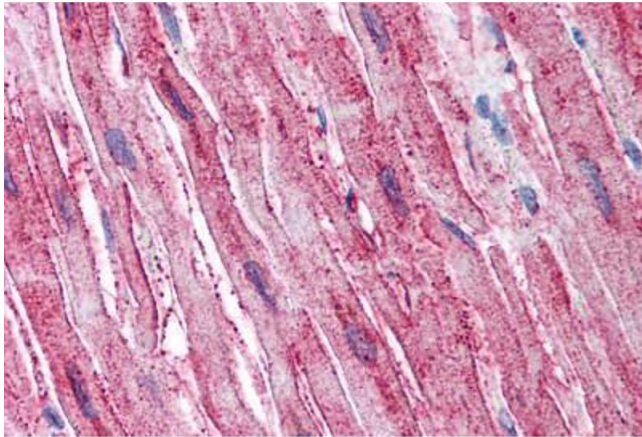
Format:	Liquid
Concentration:	Lot specific
Buffer:	PBS, less than 0.1 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C, -20 °C

Handling

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.

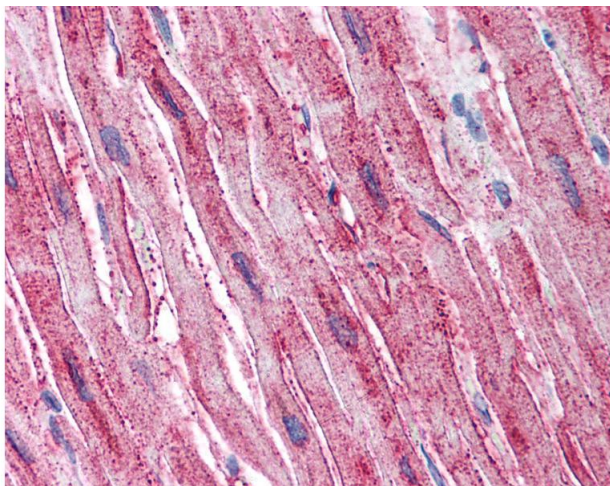
Expiry Date: 12 months

Images



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Human Heart (formalin-fixed, paraffin-embedded) stained with ADAMTS4 antibody ABIN625840 at 12 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.