

Datasheet for ABIN625839
anti-ADAMTS5 antibody (N-Term)

2 Images

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Overview

Quantity:	50 µg
Target:	ADAMTS5
Binding Specificity:	N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Application:	Immunohistochemistry (IHC), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Brand:	IHC-plus™
Immunogen:	Synthetic 20 amino acid peptide from N-terminus of human ADAMTS5. Percent identity with other species by BLAST analysis: Human, Gorilla, Gibbon (100%), Monkey, Marmoset (95%), Panda, Pig (85%), Rat, Bovine (80%). Type of Immunogen: Synthetic peptide
Specificity:	Human ADAMTS5. BLAST analysis of the peptide immunogen showed no homology with other human proteins.
Predicted Reactivity:	Percent identity with other species by BLAST analysis: Human, Gorilla, Gibbon (100%) Monkey, Marmoset (95%) Panda, Pig (85%) Rat, Bovine (80%).
Purification:	Immunoaffinity purified

Target Details

Target:	ADAMTS5
Alternative Name:	ADAMTS5 (ADAMTS5 Products)
Background:	Name/Gene ID: ADAMTS5 Subfamily: Metallopeptidase M12B Family: Protease Synonyms: ADAMTS5, Aggrecanase-2, ADAM-TS 11, ADAM-TS5, ADAMTS-11, ADAMTS11, ADAM-TS 5, ADAMTS-5, ADMP-2, ADMP2
Gene ID:	11096

Application Details

Application Notes:	Approved: IHC, IHC-P (14 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 14 µg/mL.
Comment:	Target Species of Antibody: Human
Restrictions:	For Research Use only

Handling

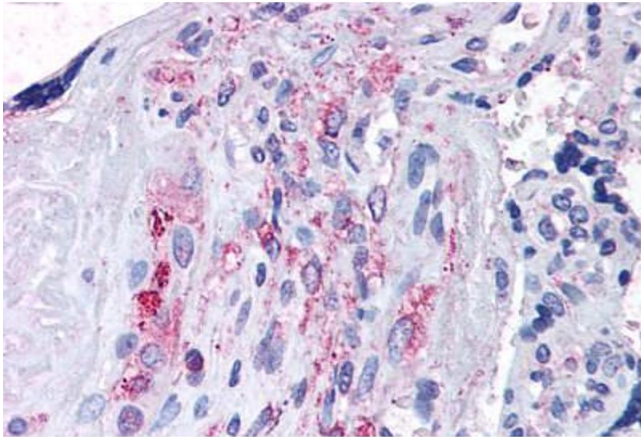
Format:	Liquid
Concentration:	Lot specific
Buffer:	PBS, less than 0.1 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C, -20 °C

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.

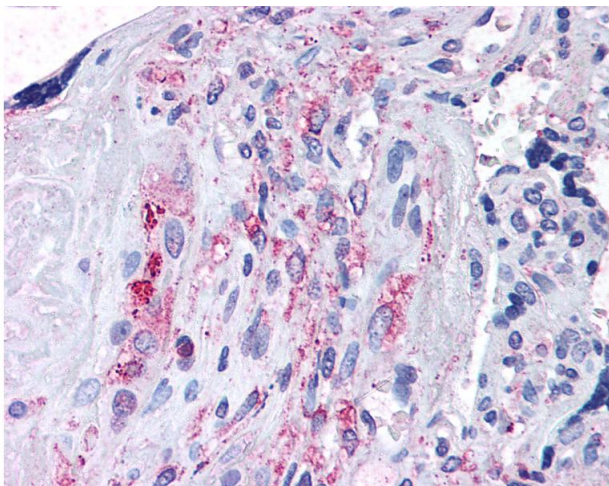
Expiry Date: 12 months

Images



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Human Placenta (formalin-fixed, paraffin-embedded) stained with ADAMTS5 antibody ABIN625839 at 14 ug/ml followed by biotinylated goat anti-rabbit IgG secondary antibody ABIN481713, alkaline phosphatase-streptavidin and chromogen.



Immunohistochemistry

Image 2. Anti-ADAMTS5 antibody IHC of human placenta. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.