

Rabbit ADAMTS4 Polyclonal Antibody | anti-ADAMTS4 antibody

Rabbit Polyclonal to Human ADAMTS4

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA51763	Rabbit	Bat, Gibbon, Bovine, Dog, Guinea pig, Hamster, Horse, Human, Monkey, Mouse, Orangutan Predicted Reactivity: Rat, Pig (at least 90% immunogen sequence identity)	Immunohistochemistry

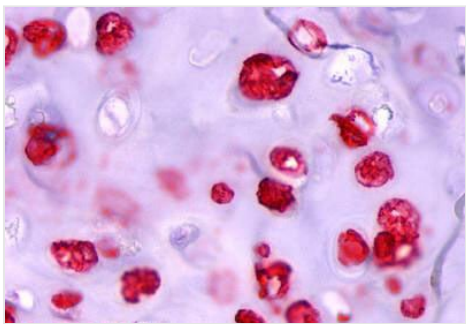
PRODUCT SYNONYMS

ADAMTS4; Polyclonal Antibody; Rabbit Polyclonal to Human ADAMTS4; Anti-ADAMTS4 Antibody (Disintegrin-like Domain) IHC-plus; ADAMTS-2; ADAMTS-4; ADAM-TS 4; ADAM-TS4; ADMP-1; Aggrecanase-1; KIAA0688; Human ADAMTS4; anti-ADAMTS4 antibody

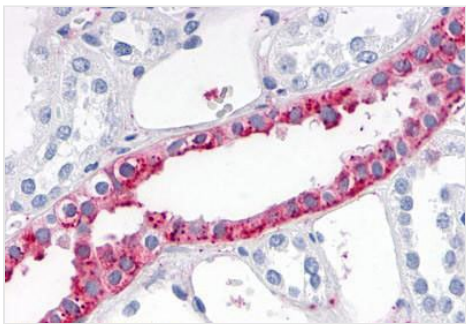
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Bat, Gibbon, Bovine, Dog, Guinea pig, Hamster, Horse, Human, Monkey, Mouse, Orangutan Predicted Reactivity: Rat, Pig (at least 90% immunogen sequence identity)
Clonality	Polyclonal
Specificity	Human ADAMTS4. BLAST analysis of the peptide immunogen showed no homology with other human proteins.
Purity/Purification	Immunoaffinity Purified
Form/Format	PBS, 0.1% sodium azide.
Concentration	1 mg/ml (varies by lot)
Sequence Length	837
Applicable Applications for anti-ADAMTS4 antibody	IHC (Immunohistochemistry)
Target Species	Human
Immunogen Description	Synthetic 15 amino acid peptide from Disintegrin-like domain of human ADAMTS4. Percent identity with other species by BLAST analysis: Human, Orangutan, Gibbon, Monkey, Marmoset, Mouse, Hamster, Elephant, Panda, Dog, Bat, Bovine, Horse.
Immunogen Type	Synthetic peptide
Immunogen	ADAMTS4 antibody was raised against synthetic 15 amino acid peptide from Disintegrin-like domain of human ADAMTS4. Percent identity with other species by BLAST analysis: Human, Orangutan, Gibbon, Monkey, Marmoset, Mouse, Hamster, Elephant, Panda, Dog, Bat, Bovine, Horse, Guinea pig (100%); Rat, Pig, Opossum (93%).
Antigen Modification	Disintegrin-like Domain
Preparation and Storage	Long term: -70 degree C; Short term: +4 degree C

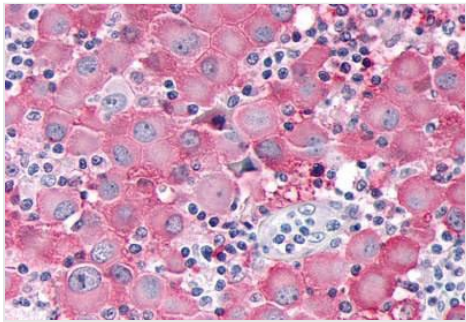
IMAGES



IHC (Immunohistochemisry)
Anti-ADAMTS4 antibody IHC of human cartilage. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.



IHC (Immunohiostchemistry)
Anti-ADAMTS4 antibody IHC of human kidney. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.



IHC (Immunohistochemistry)
Anti-ADAMTS4 antibody IHC of human Skin, Melanoma. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.

ADDITIONAL INFORMATION

Related Product Information for anti-ADAMTS4 antibody	ADAMTS4, also known as aggrecanase-1, is a Metallopeptidase M12B type protease that is responsible for degradation of the articular cartilage protein aggrecan and the brain extracellular matrix proteoglycan brevican. The ADAMTS4 protein contains a signal sequence, a propeptide domain, a catalytic domain, a disintegrin-like motif, and a C-terminal domain with a thrombospondin (TSP) type 1 motif.
Product Categories/Family for anti-ADAMTS4 antibody	Family: Protease ; Subfamily: Metallopeptidase M12B

NCBI AND UNIPROT INFORMATION

NCBI GI #	157427675
NCBI GeneID	9507
NCBI Accession #	NP_005090.3
NCBI GenBank Nucleotide #	NM_005099.4
UniProt Accession #	O75173 ; Q2HYD0 ; Q5VTW2 ; Q6P4Q8 ; Q6UWA8 ; Q9UN83
Molecular Weight	83,030 Da
NCBI Official Full Name	A disintegrin and metalloproteinase with thrombospondin motifs 4 preproprotein
NCBI Official Synonym Full Names	ADAM metallopeptidase with thrombospondin type 1 motif, 4
NCBI Official Symbol	ADAMTS4
NCBI Official Synonym Symbols	ADMP-1; ADAMTS-2; ADAMTS-4

NCBI Protein Information	A disintegrin and metalloproteinase with thrombospondin motifs 4; ADAM-TS4; ADAM-TS 4; aggrecanase-1; a disintegrin-like and metalloprotease (reprolysin type) with thrombospondin type 1 motif, 4
UniProt Protein Name	A disintegrin and metalloproteinase with thrombospondin motifs 4
UniProt Gene Name	ADAMTS4
UniProt Synonym Gene Names	KIAA0688; ADAM-TS 4; ADAM-TS4; ADAMTS-4
UniProt Entry Name	ATS4_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/adamts4-antibody-immunohistochemistry-elisa/51763>