10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

ADAMTS6 Rabbit pAb

Catalog # AP97992

Product Information

Application	WB, IHC-P, IHC-F, IF
Primary Accession	Q9UKP5
Other Accession	Q9UKP5
Reactivity	Rat, Human
Predicted	Pig, Mouse, Rabbit, Chicken, Dog, Horse, Sheep
Host	Rabbit
Clonality	Polyclonal
Calculated MW	125273
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human ADAMTS6
Epitope Specificity	231-330/1117
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	Preservative: 0.02% Proclin300, Constituents: 1% BSA, 0.01M PBS, pH7.4.
SIMILARITY	Contains 1 disintegrin domain. Contains 1 peptidase M12B domain. Contains 1 PLAC domain. Contains 5 TSP type-1 domains.
Post-translational modifications	The precursor is cleaved by a furin endopeptidase. Glycosylated. Can be O-fucosylated by POFUT2 on a serine or a threonine residue found within the consensus sequence C1-X(2)-(S/T)-C2-G of the TSP type-1 repeat domains where C1 and C2 are the first and second cysteine residue of the repeat, respectively. Fucosylated repeats can then be further glycosylated by the addition of a beta-1,3-glucose residue by the glucosyltransferase, B3GALTL. Fucosylation mediates the efficient secretion of ADAMTS family members. Also can be C-glycosylated with one or two mannose molecules on tryptophan residues within the consensus sequence W-X-X-W of the TPRs, and N-glycosylated. These other glycosylations can also facilitate secretion (By similarity).
DISEASE	Isoform 1 and isoform 2 expressions are up-regulated by TNF in retinal pigment epithelial cells.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	This gene encodes a member of the ADAMTS (a disintegrin and metalloproteinase with thrombospondin motifs) protein family. Members of the family share several distinct protein modules, including a propeptide region, a metalloproteinase domain, a disintegrin-like domain, and a thrombospondin type 1 (TS) motif. Individual members of this family differ in the number of C-terminal TS motifs, and some have unique C-terminal domains. [provided by RefSeq, Jul 2008]

Additional Information

Gene ID	11174

Other Names	ADAM-TS 6; ADAM-TS6; ADAMTS-6; A930019D11Rik; b2b1879.1Clo; b2b2029Clo; b2b2182Clo; b2b2187.1Clo; b2b2228Clo; ATS6_HUMAN; ADAMTS6; 3.4.24.-; ADAM metallopeptidase with thrombospondin type 1 motif 6; a disintegrin-like and metalloprotease (reprolysin type) with thrombospondin type 1 motif, 6; a disintegrin and metalloproteinase with thrombospondin motifs 6
Dilution	WB=1:500-2000,IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Protein Information

Name	ADAMTS6
Cellular Location	Secreted, extracellular space, extracellular matrix
Tissue Location	Expressed at low levels in placenta and barely detectable in a number of other tissues

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