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

ADAMTSL3 Polyclonal Antibody

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP58335

Product Information

Application	WB, IHC-P, IHC-F, IF, E
Primary Accession	P82987
Reactivity	Rat, Pig, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	188692
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human ADAMTSL3
Epitope Specificity	751-850/1691
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SUBCELLULAR LOCATION	Secreted, extracellular space, extracellular matrix.
SIMILARITY	Contains 3 Ig-like C2-type (immunoglobulin-like) domains.Contains 1 PLAC domain. Contains 10 TSP type-1 domains.
Post-translational modifications	Glycosylated (By similarity). 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).
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	Expressed in epithelial cells of the colon, fallopian tube, skin, breast, prostate, epididymis, liver, pancreatic islets and bile ducts, as well as by vascular endothelial cells, smooth muscle cells, fibroblasts, cortical and ganglionic neurons and cardiac myocytes. Also expressed by malignant epithelial cells in colon cancer, as well as breast, prostate, renal and skin tumors. Expression is significantly reduced in colon cancer compared to normal colon.

Additional Information

Gene ID	57188
Other Names	ADAMTS-like protein 3, ADAMTSL-3, Punctin-2, ADAMTSL3, KIAA1233
Target/Specificity	Expressed in epithelial cells of the colon, fallopian tube, skin, breast, prostate,

	epididymis, liver, pancreatic islets and bile ducts, as well as by vascular endothelial cells, smooth muscle cells, fibroblasts, cortical and ganglionic neurons and cardiac myocytes. Also expressed by malignant epithelial cells in colon cancer, as well as breast, prostate, renal and skin tumors. Expression is significantly reduced in colon cancer compared to normal colon.
Dilution	WB=1:500-2000,IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500,ELISA=1:5000-10000
Format	0.01M TBS(pH7.4) with 1% BSA, 0.09% (W/V) sodium azide and 50% Glyce
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	ADAMTSL3
Synonyms	KIAA1233
Cellular Location	Secreted, extracellular space, extracellular matrix
Tissue Location	Expressed in epithelial cells of the colon, fallopian tube, skin, breast, prostate, epididymis, liver, pancreatic islets and bile ducts, as well as by vascular endothelial cells, smooth muscle cells, fibroblasts, cortical and ganglionic neurons and cardiac myocytes. Also expressed by malignant epithelial cells in colon cancer, as well as breast, prostate, renal and skin tumors. Expression is significantly reduced in colon cancer compared to normal colon