



Rabbit Anti-ADAMTSL3 antibody

SL5863R

Product Name:	ADAMTSL3
Chinese Name:	整合素样金属蛋白酶与凝血酶样3蛋白抗体
Alias:	ADAMTS-like protein 3; ADAMTSL-3; ADAMTSL3; ATL3_HUMAN; Punctin-2.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Dog,Pig,Horse,
Applications:	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	186kDa
Cellular localization:	Extracellular matrixSecretory protein
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human ADAMTSL3:751-850/1691
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. 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.
PubMed:	PubMed
Product Detail:	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.

Subcellular Location:

Secreted, extracellular space, extracellular matrix.

Tissue 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.

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).

Similarity:

Contains 3 Ig-like C2-type (immunoglobulin-like) domains.

Contains 1 PLAC domain.

Contains 10 TSP type-1 domains.

SWISS:

P82987

Gene ID:

57188

Database links:

[Entrez Gene: 57188](#)Human

[Entrez Gene: 269959](#)Mouse

[Entrez Gene: 308787](#)Rat

[Omim: 609199](#)Human

[SwissProt: P82987](#)Human

[Unigene: 459162](#)Human

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

Extracellular matrix 蛋白

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