



ATS20 Polyclonal Antibody

Catalog No	YP-Ab-05289
Isotype	IgG
Reactivity	Human;Rat;Mouse;
Applications	WB;ELISA
Gene Name	ADAMTS20
Immunogen	Synthesized peptide derived from human protein . at AA range: 190-270
Specificity	ATS20 Polyclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000 ELISA 1:5000-20000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	ATS20;ADAMTS20;A disintegrin and metalloproteinase with thrombospondin motifs 20 (ADAM-TS 20) (ADAM-TS20) (ADAMTS-20) (EC 3.4.24.-)
Observed Band	210kD
Calculated Molecular Weight	210kD
Cell Pathway	Secreted, extracellular space, extracellular matrix .
Tissue Specificity	Very sparingly expressed, although is detected at low levels in testis, prostate, ovary, heart, placenta, lung and pancreas. Overexpressed in several brain, colon and breast carcinomas.
Function	cofactor: Binds 1 zinc ion per subunit.,function: May play a role in tissue-remodeling process occurring in both normal and pathological conditions., PTM: The precursor is cleaved by a furin endopeptidase.,similarity: Contains 1 disintegrin domain.,similarity: Contains 1 GON domain.,similarity: Contains 1 peptidase M12B domain.,similarity: Contains 15 TSP type-1 domains.,tissue specificity: Very sparingly expressed, although is detected at low levels in testis, prostate, ovary, heart, placenta, lung and pancreas. Overexpressed in several brain, colon and breast carcinomas.,



Background

The protein encoded by this gene is a member of the ADAMTS family of zinc-dependent proteases. The encoded protein has a signal peptide that is cleaved to release the mature peptide, which is secreted and found in the extracellular matrix. This protein may be involved in tissue remodeling. [provided by RefSeq, Sep 2011],

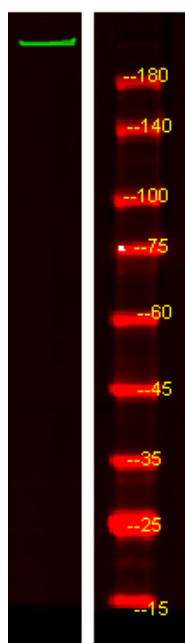
matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Western Blot analysis of HEK293 lysis, using primary antibody at 1:1000 dilution. Secondary antibody(catalog#:RS23920) was diluted at 1:10000