

For Research Use Only

ADAMTS14 Polyclonal antibody

Catalog Number: 31075-1-AP



Basic Information

Catalog Number: 31075-1-AP	GenBank Accession Number: NM_080722	Purification Method: Antigen affinity Purification
Size: 150ul , Concentration: 280 ug/ml by Nanodrop;	GeneID (NCBI): 140766	Recommended Dilutions: WB 1:500-1:1000
Source: Rabbit	UNIPROT ID: Q8WXS8	
Isotype: IgG	Full Name: ADAM metalloproteinase with thrombospondin type 1 motif, 14	
Immunogen Catalog Number: AG34638	Calculated MW: 134 kDa	
	Observed MW: 134 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : HL-60 cells, K-562 cells, HUVEC cells
Species Specificity: human	

Background Information

The ADAMTS (a disintegrin-like and metalloproteinase with thrombospondin motifs) is a family of extracellular metalloproteinases mediating diverse functions including matrix degradation, blood coagulation, and angiogenesis. The ADAMTS family constitutes a group of proteins composed of 19 enzymes and 7 ADAMTS-like proteins. ADAMTS14 possesses high similarity with ADAMTS2 and ADAMTS3 in sequence and domain composition (PMID: 11741898). The expression of ADAMTS14 is correlated with the occurrence and progression of colorectal cancer and oral squamous cell carcinoma (PMID: 34856162; PMID: 32102222).

Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

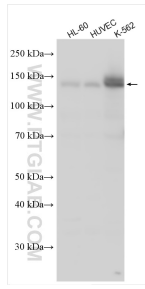
For technical support and original validation data for this product please contact:

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 31075-1-AP (ADAMTS14 antibody) at dilution of 1:800 incubated at room temperature for 1.5 hours.