ADAMTS8 Antibody HRP Conjugated

Catalog No: #C06058H

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Description

Product Name	ADAMTS8 Antibody HRP Conjugated
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Purified by Protein A.
Applications	WB IHC-P IHC-F
Species Reactivity	Hu Ms Rt
Immunogen Description	KLH conjugated synthetic peptide derived from human ADAMTS8
Conjugates	HRP
Target Name	ADAMTS8
Other Names	A disintegrin and metalloproteinase with thrombospondin mots 8; ADAMTS 8; METH 2; METH 8; METH8; A disintegrin like and metalloprotease reprolysin type with thrombospondin type 1 mot 8; A disintegrin like and metalloprotease with thrombospondin type 1 mot 8; ADAM metallopeptidase with thrombospondin
Accession No.	NCBI Gene ID11095
Uniprot	Q9UP79
GeneID	11095;
Excitation Emission	N A
Concentration	1mg ml
Formulation	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Application Details

WB=1:500-2000 IHC-P=1:50-200 IHC-F=1:50-200

Background

ADAMTS proteases are secreted enzymes containing a prometalloprotease domain of the reprolysin type. The ADAMTS proteases function in processing of procollagens and von Willebrand factor as well as catabolism of aggrecan, versican and brevican. They have been demonstrated to have important roles in connective tissue organization, coagulation, inflammation, arthritis, angiogenesis and cell migration.A member of the metalloproteinase family containing disintegrin like domains (ADAMs), the function of ADAMTS8 is still poorly understood. ADAMTS8 contains the canonical HExxHxxxxxH zinc metalloproteinase motif, and has been shown to be proteolytically active on a range of substrates. ADAMTS8 is inhibited by the endogenous MMP inhibitors, TIMP1, 2, 3 and 4, but most efficiently by TIMP3. In addition to the metalloprotease domain, ADAMTS8 has a propeptide domain, a Prohormone Convertase (PC, furin) cleavage site, a cysteine rich domain and thrombospondin 1 like domains.

Note: This product is for in vitro research use only