

ADAMTS-7 rabbit pAb**Cat#: orb767482 (Manual)**

For research use only. Not intended for diagnostic use.

Product Name	ADAMTS-7 rabbit pAb
Host species	Rabbit
Applications	IHC;IF;ELISA
Species Cross-Reactivity	Human;Rat;Mouse;
Recommended dilutions	Immunohistochemistry: 1/100 - 1/300. ELISA: 1/40000. Not yet tested in other applications.
Immunogen	Synthesized peptide derived from ADAMTS-7 . at AA range: 150-230
Specificity	ADAMTS-7 Polyclonal Antibody detects endogenous levels of ADAMTS-7 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide..
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	A disintegrin and metalloproteinase with thrombospondin motifs 7
Gene Name	ADAMTS7
Cellular localization	Secreted, extracellular space, extracellular matrix . Also found associated with the external cell surface. .
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal

Concentration	1 mg/ml
Observed band	
Human Gene ID	11173
Human Swiss-Prot Number	Q9UKP4
Alternative Names	ADAMTS7; A disintegrin and metalloproteinase with thrombospondin motifs 7; ADAM-TS 7; ADAM-TS7; ADAMTS-7; COMPase

Background

The protein encoded by this gene is a member of the ADAMTS (a disintegrin and metalloproteinase with thrombospondin motifs) family. Members of this family share several distinct protein modules, including a propeptide region, a metalloproteinase domain, a disintegrin-like domain, and a thrombospondin type 1 (TS) motif. Individual members of this family differ in the number of C-terminal TS motifs, and some have unique C-terminal domains. The encoded preproprotein is proteolytically processed to generate the mature enzyme. This enzyme contains two C-terminal TS motifs and may regulate vascular smooth muscle cell (VSMC) migration. Mutations in this gene may be associated with susceptibility to coronary artery disease. [provided by RefSeq, Feb 2016],



Immunohistochemical analysis of paraffin-embedded human tonsil. 1, Antibody was diluted at 1:200(4° overnight). 2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 30min).