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Datasheet for ABIN672488

anti-ADAMTS7 antibody (AA 241-340) (Biotin)

Overview

Quantity:	100 µL
Target:	ADAMTS7
Binding Specificity:	AA 241-340
Reactivity:	Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ADAMTS7 antibody is conjugated to Biotin
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from mouse ADAMTS7
Isotype:	IgG
Cross-Reactivity:	Mouse, Rat
Predicted Reactivity:	Human
Purification:	Purified by Protein A.

Target Details

Target:	ADAMTS7
Alternative Name:	ADAMTS7 (ADAMTS7 Products)

Target Details

Background: Synonyms: ADAM-TS7, ADAMTS7B, A disintegrin and metalloproteinase with thrombospondin motifs 7, ADAM-TS 7, ADAMTS-7, COMPase, Adamts7

Background: Metalloprotease that may play a role in the degradation of COMP. Binds 1 zinc ion per subunit. pH dependence: Optimum pH is between 7.5 and 9.5. [Subcellular location] Secreted, extracellular space, extracellular matrix (By similarity). Note=Also found associated with the external cell surface[Tissue specificity] Expressed in heart, brain, placenta, lung, liver, skeletal muscle, kidney and pancreas. Detected in meniscus, bone, tendon, cartilage, synovium, fat and ligaments. Up-regulated in articular cartilage and synovium from arthritis patients.

Gene ID: 108153

UniProt: [Q68SA9](#)

Application Details

Application Notes: WB 1:300-5000
IHC-P 1:200-400
IHC-F 1:100-500

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Store at -20°C for 12 months.

Expiry Date: 12 months