

Datasheet for ABIN672491

anti-ADAMTS7 antibody (AA 241-340) (Cy5.5)



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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 Cy5.5
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

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.
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Gene ID:	108153
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UniProt:	Q68SA9
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Application Details

Application Notes:	IF(IHC-P) 1:50-200 IF(IHC-F) 1:50-200 IF(ICC) 1:50-200
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Restrictions:	For Research Use only
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Handling

Format:	Liquid
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Concentration:	1 µg/µL
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Buffer:	Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.
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Preservative:	ProClin
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Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
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Storage:	-20 °C
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Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.
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Expiry Date:	12 months
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