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# anti-ADAMTS7 antibody (AA 241-340)

2 Images



Go to Product page

# Overview

Quantity:	100 μL
Target:	ADAMTS7
Binding Specificity:	AA 241-340
Reactivity:	Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ADAMTS7 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), 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
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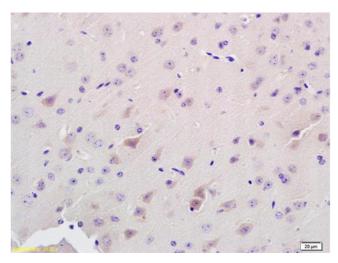
# **Target Details**

Alternative Name:	ADAMTS7 (ADAMTS7 Products)
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 ior
	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
	ELISA 1:500-1000
	IHC-P 1:200-400
	IHC-F 1:100-500
	IF(IHC-P) 1:50-200
	IF(IHC-F) 1:50-200
	IF(ICC) 1:50-200
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	1 μg/μL
Buffer:	0.01M TBS( pH 7.4) with 1 % BSA, 0.02 % 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:	4 °C,-20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Expiry Date:

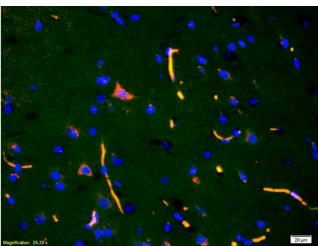
12 months

# **Images**



# **Immunohistochemistry**

**Image 1.** Formalin-fixed and paraffin embedded rat brain labeled with Anti-ADAMTS7 Polyclonal Antibody, Unconjugated (ABIN672486) at 1:200 followed by conjugation to the secondary antibody and DAB staining.



# **Immunofluorescence**

**Image 2.** Formalin-fixed and paraffin-embedded rat brain labeled with Anti-ADAMTS7 Polyclonal Antibody, Unconjugated (ABIN672486) 1:200, overnight at 4°C, The secondary antibody was Goat Anti-Rabbit IgG, Cy3 conjugated used at 1:200 dilution for 40 minutes at 37°C.