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## anti-ADAMTSL2 antibody (AA 522-580)



#### Overview

Quantity:	100 μL
Target:	ADAMTSL2
Binding Specificity:	AA 522-580
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ADAMTSL2 antibody is un-conjugated
Application:	Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

#### Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human ADAMTSL2
Isotype:	IgG
Cross-Reactivity:	Human
Predicted Reactivity:	Mouse,Rat
Purification:	Purified by Protein A.

### Target Details

### **Target Details**

Alternative Name:	ADAMTSL2 (ADAMTSL2 Products)
Background:	Synonyms: ADAMTS like 2, ADAMTS like protein 2, ADAMTS-like protein 2, ADAMTSL 2,
	ADAMTSL-2, ADAMTSL2, ATL2_HUMAN.
	Background: ADAMTS (A Disintegrin And Metalloproteinase Domain with Thrombospondin type
	1 Modules) is a family of zinc-dependent proteases that are implicated in a variety of normal
	and pathological conditions, including arthritis and cancer. ADAMTS protein family members
	contain an amino-terminal propeptide domain, a metalloproteinase domain, a disintegrin-like
	domain and a carboxy-terminus that contains a varying number of Thrombospondin type 1
	(TSP-1) motifs. ADAMTS-L2 (ADAMTS-like protein 2) is a 951 amino acid secreted protein that
	is highly expressed in lung, kidney and liver. Mutations in the gene encoding ADAMTS are the
	cause of geleophysic dysplasia, an autosomal recessive disorder characterized by cardiac
	vavular anomalies, short stature, thick skin and brachydactyly. In individuals affected with
	geleophysic dysplasia, there is a significant increase in total active TGF-beta 1 and nuclear
	locations of p-SAMD2 in fibroblasts. Interestingly, ADAMTS-L2 interacts with LTBP-1, a
	glycoprotein that is part of the platelet-derived TGF-beta 1 complex.
Gene ID:	9719
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.

### Handling

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