

ADAMTSL4 Rabbit pAb

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Catalog # AP58336

Product Information

Application	WB
Primary Accession	Q6UY14
Reactivity	Mouse
Predicted	Rat, Pig, Dog, Human, Horse, Sheep
Host	Rabbit
Clonality	Polyclonal
Calculated MW	116545
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human ADAMTSL4
Epitope Specificity	351-450/1074
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SUBCELLULAR LOCATION	Secreted, extracellular space, extracellular matrix. Note=Colocalizes with FMN1 microfibrils in the eye ECM.
DISEASE	Defects in ADAMTSL4 are a cause of ectopia lentis, isolated, autosomal recessive (ECTOL2) [MIM:225100]. A rare condition characterized by partial or complete displacement of the lens from its space resulting from defective zonule formation.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	ADAMTSL4 is a member of ADAMTS (a disintegrin and metalloproteinase with thrombospondin motifs)-like family and has seven thrombospondin type 1 repeats. The thrombospondin type 1 repeat domain is found in many proteins with diverse biological functions including cellular adhesion, angiogenesis, and patterning of the developing nervous system. Alternate transcriptional splice variants, encoding different isoforms, have been characterized. ADAMTSL4 is involved in the positive regulation of apoptosis.

Additional Information

Gene ID	54507
Other Names	ADAMTS-like protein 4, ADAMTSL-4, Thrombospondin repeat-containing protein 1, ADAMTSL4, TSR1 {ECO:0000312 EMBL:CAI15499.1}
Dilution	WB=1:500-2000
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

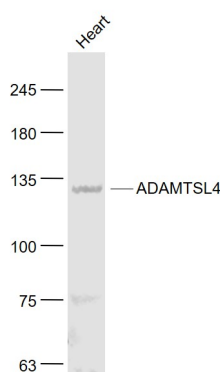
Protein Information

Name	ADAMTSL4
Synonyms	TSRC1 {ECO:0000312 EMBL:CAI15499.1}
Function	Positive regulation of apoptosis. May facilitate FBN1 microfibril biogenesis.
Cellular Location	Secreted, extracellular space, extracellular matrix. Note=Colocalizes with FMN1 microfibrils in the eye ECM
Tissue Location	Expressed in colon, heart, leukocyte, liver, lung, skeletal muscle, spleen, testis and placenta. Weaker expression in bone marrow, brain tissue, kidney and pancreas. Expression studies in fetal tissues reveal strong expression in heart, kidney, liver, lung and skeletal muscle, but weaker expression in fetal brain and skin

Background

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Images



Sample:
Heart (Mouse) Lysate at 40 ug
Primary: Anti- ADAMTSL4 (AP58336) at 1/1000 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 114 kD
Observed band size: 124 kD

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