



ATL2 rabbit pAb

Catalog No	BYab-08101
Isotype	IgG
Reactivity	Human; Mouse
Applications	WB
Gene Name	ADAMTSL2 KIAA0605
Protein Name	ATL2
Immunogen	Synthesized peptide derived from human ATL2 AA range: 194-244
Specificity	This antibody detects endogenous levels of ATL2 at Human/Mouse
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.216% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.
Dilution	WB 1:500-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	ADAMTS-like protein 2 (ADAMTSL-2)
Observed Band	105kD
Cell Pathway	Secreted .
Tissue Specificity	Brain,PNS,
Function	caution:Although strongly similar to members of the ADAMTS family it lacks the metalloprotease and disintegrin-like domains which are typical of that family.,disease:Defects in ADAMTSL2 are the cause of geleophysic dysplasia [MIM:231050]. Geleophysic dysplasia is an autosomal recessive disorder characterized by short stature, brachydactyly, thick skin and cardiac valvular anomalies often responsible for an early death.,miscellaneous:There is a significant increase in total and active TGFB1 in the culture medium as well as nuclear localization of phosphorylated SMAD2 in fibroblasts from individuals with geleophysic dysplasia.,similarity:Contains 1 PLAC domain.,similarity:Contains 7 TSP type-1 domains.,subunit:Interacts with LTBP1.,

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Background

This gene encodes a member of the ADAMTS (a disintegrin and metalloproteinase with thrombospondin motifs) and ADAMTS-like protein family. Members of the family share several distinct protein modules, including a propeptide region, a metalloproteinase domain, a disintegrin-like domain, and a thrombospondin type 1 (TS) motif. Individual members of this family differ in the number of C-terminal TS motifs, and some have unique C-terminal domains. The protein encoded by this gene lacks the protease domain, and is therefore of a member of the the ADAMTS-like protein subfamily. It is a secreted glycoprotein that binds the cell surface and extracellular matrix; it also interacts with latent transforming growth factor beta binding protein 1. Mutations in this gene have been associated with geleophysic dysplasia. [provided by RefSeq, Feb 2009],

matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images

