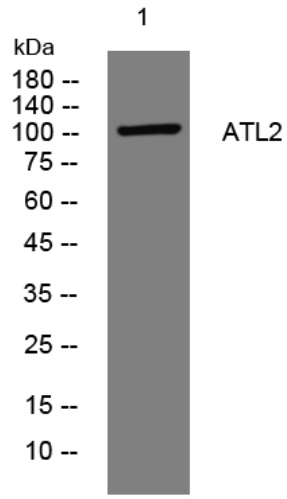
ATL2 rabbit pAb

Catalog No	YP-Ab-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.,
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



Western blot analysis of lysates from THP-1 cells, primary antibody was diluted at 1:1000, 4°over night