

ARG57389 anti-AP1M1 antibody

Package: 100 µl
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes AP1M1
Tested Reactivity	Hu, Ms, Rat
Tested Application	WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	AP1M1
Species	Human
Immunogen	Recombinant Protein of Human AP1M1.
Conjugation	Un-conjugated
Alternate Names	MU-1A; Mu-adaptin 1; Adaptor-related protein complex 1 subunit mu-1; Clathrin coat-associated protein AP47; Mu1A-adaptin; Clathrin assembly protein complex 1 mu-1 medium chain 1; AP47; CLTNM; AP-1 complex subunit mu-1; Clathrin coat assembly protein AP47; Golgi adaptor HA1/AP1 adaptin mu-1 subunit; Adaptor protein complex AP-1 subunit mu-1; CLAPM2; AP-mu chain family member mu1A

Application Instructions

Application table	Application	Dilution
	WB	1:1000 - 1:4000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Positive Control	Mouse brain	

Properties

Form	Liquid
Purification	Affinity purification with immunogen.
Buffer	PBS (pH 7.3), 0.02% Sodium azide and 50% Glycerol.
Preservative	0.02% Sodium azide
Stabilizer	50% Glycerol
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Symbol	AP1M1
Gene Full Name	adaptor-related protein complex 1, mu 1 subunit
Background	The protein encoded by this gene is the medium chain of the trans-Golgi network clathrin-associated protein complex AP-1. The other components of this complex are beta-prime-adaptin, gamma-adaptin, and the small chain AP1S1. This complex is located at the Golgi vesicle and links clathrin to receptors in coated vesicles. These vesicles are involved in endocytosis and Golgi processing. Alternatively spliced transcript variants encoding distinct protein isoforms have been found for this gene. [provided by RefSeq, Jul 2008]
Function	Subunit of clathrin-associated adaptor protein complex 1 that plays a role in protein sorting in the trans-Golgi network (TGN) and endosomes. The AP complexes mediate the recruitment of clathrin to membranes and the recognition of sorting signals within the cytosolic tails of transmembrane cargo molecules. [UniProt]
Calculated Mw	49 kDa
PTM	Phosphorylation of membrane-bound AP1M1/AP1M2 increases its affinity for sorting signals.

Images

