

# Product datasheet

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# 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-

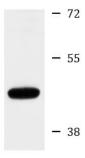
Golgi network (TGN) and endosomes. The AP complexes mediate the recruitment of clathrin to membranes and the recognition of sorting signals within the cytosolic tails of transmembrane cargo

molecules. [UniProt]

Calculated Mw 49 kDa

PTM Phosphorylation of membrane-bound AP1M1/AP1M2 increases its affinity for sorting signals.

#### **Images**



#### ARG57389 anti-AP1M1 antibody WB image

Western blot: Mouse brain lysate stained with ARG57389 anti-AP1M1 antibody.

Mouse brain