

Rabbit AP1M1 Polyclonal Antibody | anti-AP1M1 antibody

AP1M1 Antibody (Center)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA286790	Rabbit	Human (Predicted Reactivity: Bovine, Mouse, Rat)	Western Blot, Immunofluorescence, Immunohistochemistry, ELISA

PRODUCT SYNONYMS

AP1M1; Polyclonal Antibody; AP1M1 Antibody (Center); AP-1 complex subunit mu-1; AP-mu chain family member mu1A; Adaptor protein complex AP-1 subunit mu-1; Adaptor-related protein complex 1 subunit mu-1; Clathrin assembly protein complex 1 mu-1 medium chain 1; Clathrin coat assembly protein AP47; Clathrin coat-associated protein AP47; Golgi adaptor HA1/AP1 adaptin mu-1 subunit; Mu-adaptin 1; Mu1A-adaptin; CLTNM; anti-AP1M1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human (Predicted Reactivity: Bovine, Mouse, Rat)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This AP1M1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 199-227 amino acids from the Central region of human AP1M1.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.44 (varies by lot)
Sequence Positions	199-227
Sequence Length	435
Applicable Applications for anti-AP1M1 antibody	WB (Western Blot), IF (Immunofluorescence), IHC (Immunohistochemistry), ELISA
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IF (Immunofluorescence)

Confocal immunofluorescent analysis of AP1M1 Antibody (Center) with A375 cell followed by Alexa Fluor 488-conjugated goat anti-rabbit IgG (green). DAPI was used to stain the cell nuclear (blue).



IHC (Immunohistochemistry)

AP1M1 Antibody (Center) immunohistochemistry analysis in formalin fixed and paraffin embedded human brain tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of AP1M1 Antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)

Western blot analysis of lysates from A375 cell line and rat testis tissue lysate(from left to right), using AP1M1 Antibody (Center). AAA286790 was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L(HRP) at 1:5000 dilution was used as the secondary antibody. Lysates at 35ug per lane.

ADDITIONAL INFORMATION

Related Product Information for anti-AP1M1 antibody	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].
Product Categories/Family for anti-AP1M1 antibody	Microbiology ; Signal Transduction
References	Sawasdee, N., et al. Biochem. Biophys. Res. Commun. 401(1):85-91(2010) Venkatesan, K., et al. Nat. Methods 6(1):83-90(2009) Noviello, C.M., et al. J. Virol. 82(3):1249-1258(2008) Medigeshi, G.R., et al. Traffic 9(1):121-132(2008) Roeth, J.F., et al. J. Cell Biol. 167(5):903-913(2004)

NCBI AND UNIPROT INFORMATION

NCBI GI #	194473724
NCBI GeneID	8907
NCBI Accession #	NP_001123996.1 ; NP_115882.1
NCBI GenBank Nucleotide #	NM_001130524.1
UniProt Accession #	Q9BXS5 ; Q4TTY5
Molecular Weight	48587
NCBI Official Full Name	AP-1 complex subunit mu-1 isoform 1
NCBI Official Synonym Full Names	adaptor-related protein complex 1, mu 1 subunit
NCBI Official Symbol	AP1M1
NCBI Official Synonym Symbols	AP47; CLTNM; MU-1A; CLAPM2
NCBI Protein Information	AP-1 complex subunit mu-1
UniProt Protein Name	AP-1 complex subunit mu-1
UniProt Gene Name	AP1M1
UniProt Synonym Gene Names	CLTNM
UniProt Entry Name	AP1M1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

