AP1M1 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	AP1M1, Polyclonal Antibody
Full Product Name	AP1M1 Antibody
Product Gene Name	anti-AP1M1 antibody
Product Synonym Names	AP-1 complex subunit mu-1 (AP-mu chain family member mu1A)(Adaptor protein complex AP-1 mu-1 subunit)(Adaptor-related protein complex 1 mu-1 subunit)(Clathrin assembly protein complex 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)
Clonality	Polyclonal
Isotype	Rabbit IgG
Host	Rabbit
Species Reactivity	Human, Mouse, Rat
Form/Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Purity/Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Concentration	1mg/ml (lot specific)
Specificity	This antibody detects endogenous levels of AP1M1 at Human, Mouse,Rat
Preparation and Storage	Store at -20 degree C/1 year
Molecular Weight	49,840 Da
OMIM	603535
3D Structure	ModBase 3D Structure for Q9BXS5
Immunogen	Synthesized peptide derived from human AP1M1
Modification	Unmodified/Total
Product Categories/Family for anti-AP1M1 antibody	Primary Antibodies
Applications Tested/Suitable for anti-AP1M1 antibody	Western Blot (WB)
Application Notes for anti-AP1M1 antibody	WB: 1:500-2000
Related Product Information for anti-AP1M1 antibody	MBS9521840 is an antibody targeting AP1M1. Also known as AP1M1 Antibody. Reactive in Human, Mouse, Rat. Host: Rabbit.
Other Notes	Small volumes of anti-AP1M1 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for AP1M1. It may not necessarily be applicable to this product.

NCBI GI #	194473724
NCBI GeneID	8907
NCBI Accession #	NP_001123996.1
UniProt Primary Accession #	Q9BXS5
UniProt Secondary Accession #	Q4TTY5
UniProt Related Accession #	Q9BXS5
GenBank Nucleotide #	NM_001130524.1
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
UniProt Protein Name	AP-1 complex subunit mu-1
UniProt Synonym Protein Names	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
Protein Family	AP-1 complex
UniProt Gene Name	AP1M1
UniProt Synonym Gene Names	CLTNM
UniProt Entry Name	AP1M1_HUMAN
NCBI Protein Information	AP-1 complex subunit mu-1
NCBI Summary for AP1M1	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]
Research Articles on AP1M1	**1.** CNNM4 is sorted to the basolateral membrane by the complementary function of AP-1A and AP-1B
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