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AP1M1 Antibody (Center) Blocking peptide

Synthetic peptide
Catalog # BP12036c

Specification

AP1M1 Antibody (Center) Blocking peptide - Product Information

Primary Accession Q9BXS5

AP1M1 Antibody (Center) Blocking peptide - Additional Information

Gene ID 8907

Other Names
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, AP1M1, CLTNM

Format
Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage
Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions
This product is for research use only. Not for use in diagnostic or therapeutic procedures.

AP1M1 Antibody (Center) Blocking peptide - Protein Information

Name AP1M1

Synonyms CLTNM

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.

Cellular Location
Golgi apparatus. Cytoplasmic vesicle, clathrin- coated vesicle membrane; Peripheral membrane protein; Cytoplasmic side Note=Component of the coat surrounding the cytoplasmic face of coated vesicles located at the Golgi complex

AP1M1 Antibody (Center) Blocking peptide - Protocols

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Provided below are standard protocols that you may find useful for product applications.

- Blocking Peptides

AP1M1 Antibody (Center) Blocking peptide - Images

AP1M1 Antibody (Center) Blocking peptide - Background

The protein encoded by this gene is the medium chain ofthe 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 locatedat the Golgi vesicle and links clathrin to receptors in coatedvesicles. These vesicles are involved in endocytosis and Golgiprocessing. Alternatively spliced transcript variants encodingdistinct protein isoforms have been found for this gene. [providedby RefSeq].

AP1M1 Antibody (Center) Blocking peptide - 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)