

**AP1M1 Antibody (Center) Blocking peptide**  
**Synthetic peptide**  
**Catalog # BP11351c****Specification**

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**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**

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 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].

#### **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) Medigeschi, G.R., et al. Traffic 9(1):121-132(2008) Roeth, J.F., et al. J. Cell Biol. 167(5):903-913(2004)