10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

AP3M2 Antibody (N-term) Blocking peptide

Synthetic peptide
Catalog # BP13888a

Specification

AP3M2 Antibody (N-term) Blocking peptide - Product Information

Primary Accession P53677

AP3M2 Antibody (N-term) Blocking peptide - Additional Information

Gene ID 10947

Other Names
AP-3 complex subunit mu-2, Adaptor-related protein complex 3 subunit mu-2, Clathrin assembly protein assembly protein complex 3 mu-2 medium chain, Clathrin coat assembly protein AP47 homolog 2, Clathrin coat-associated protein AP47 homolog 2, Golgi adaptor AP-1 47 kDa protein homolog 2, HA1 47 kDa subunit homolog 2, Mu3B-adaptin, P47B, AP3M2

Target/Specificity
The synthetic peptide sequence used to generate the antibody AP13888a was selected from the N-term region of AP3M2. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

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.

AP3M2 Antibody (N-term) Blocking peptide - Protein Information

Name AP3M2

Function
Part of the AP-3 complex, an adaptor-related complex which is not clathrin-associated. The complex is associated with the Golgi region as well as more peripheral structures. It facilitates the budding of vesicles from the Golgi membrane and may be directly involved in trafficking to lysosomes. In concert with the BLOC-1 complex, AP-3 is required to target cargos into vesicles assembled at cell bodies for delivery into neurites and nerve terminals.

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

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AP3M2 Antibody (N-term) Blocking peptide - Protocols

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

- Blocking Peptides

AP3M2 Antibody (N-term) Blocking peptide - Images

AP3M2 Antibody (N-term) Blocking peptide - Background

This gene encodes a subunit of the heterotetramericadaptor-related protein comlex 3 (AP-3), which belongs to theadaptor complexes medium subunits family. The AP-3 complex plays arole in protein trafficking to lysosomes and specializedorganelles. Multiple alternatively spliced variants, encoding thesame protein, have been identified.

AP3M2 Antibody (N-term) Blocking peptide - References

Hashimoto, R., et al. Neurosci. Res. 65(1):113-115(2009)Huang, M.C., et al. Brain Dev. 29(8):462-467(2007)Koyama, K., et al. Genomics 26(2):245-253(1995)Pevsner, J., et al. Gene 146(2):279-283(1994)Dawson, S.J., et al. J. Infect. 24(3):317-320(1992)