

AFTPH Antibody (C-term) Blocking peptide
Synthetic peptide
Catalog # BP5771b

Specification

AFTPH Antibody (C-term) Blocking peptide - Product Information

Primary Accession [O6ULP2](#)
Other Accession [NP_001002243.1](#)

AFTPH Antibody (C-term) Blocking peptide - Additional Information

Gene ID 54812

Other Names
Aftiphilin, AFTPH, AFTH

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.

AFTPH Antibody (C-term) Blocking peptide - Protein Information

Name AFTPH

Synonyms AFTH

Function
Component of clathrin-coated vesicles (PubMed:15758025). Component of the aftiphilin/p200/gamma-synerglin complex, which plays roles in AP1G1/AP-1-mediated protein trafficking including the trafficking of transferrin from early to recycling endosomes, and the membrane trafficking of furin and the lysosomal enzyme cathepsin D between the trans-Golgi network (TGN) and endosomes (PubMed:15758025).

Cellular Location
Cytoplasm. Cytoplasm, perinuclear region. Cytoplasmic vesicle, clathrin-coated vesicle.
Note=Co-localizes with AP1G1/AP- 1 in the cytoplasm (PubMed:14665628, PubMed:15758025). Recruited to the perinuclear region by AP1G1/AP-1 (PubMed:15758025)

AFTPH Antibody (C-term) Blocking peptide - Protocols

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

- [Blocking Peptides](#)

AFTPH Antibody (C-term) Blocking peptide - Images**AFTPH Antibody (C-term) Blocking peptide - Background**

AFTPH may play a role in membrane trafficking.

AFTPH Antibody (C-term) Blocking peptide - References

Lui-Roberts, W.W., et al. Mol. Biol. Cell 19(12):5072-5081(2008)Beausoleil, S.A., et al. Nat. Biotechnol. 24(10):1285-1292(2006)Hirst, J., et al. Mol. Biol. Cell 16(5):2554-2565(2005)Burman, J.L., et al. FEBS Lett. 579(10):2177-2184(2005)Beausoleil, S.A., et al. Proc. Natl. Acad. Sci. U.S.A. 101(33):12130-12135(2004)Beausoleil, S.A., et al. Proc. Natl. Acad. Sci. U.S.A. 101(33):12130-12135(2004)Mattera, R., et al. J. Biol. Chem. 279(9):8018-8028(2004)