

FAPP1 Antibody (C-term) Blocking PeptideSynthetic peptide
Catalog # BP7499b**Specification**

FAPP1 Antibody (C-term) Blocking Peptide - Product InformationPrimary Accession [O9HB20](#)**FAPP1 Antibody (C-term) Blocking Peptide - Additional Information**

Gene ID 65977

Other Names

Pleckstrin homology domain-containing family A member 3, PH domain-containing family A member 3, Phosphatidylinositol-four-phosphate adapter protein 1, FAPP-1, Phosphoinositol 4-phosphate adapter protein 1, PLEKHA3, FAPP1

Target/Specificity

The synthetic peptide sequence used to generate the antibody [AP7499b](/products/AP7499b) was selected from the C-term region of human FAPP1. 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.

FAPP1 Antibody (C-term) Blocking Peptide - Protein Information

Name PLEKHA3

Synonyms FAPP1

Function

Plays a role in regulation of vesicular cargo transport from the trans-Golgi network (TGN) to the plasma membrane (PubMed: <http://www.uniprot.org/citations/15107860>). Regulates Golgi phosphatidylinositol 4-phosphate (PtdIns(4)P) levels and activates the PtdIns(4)P phosphatase activity of SACM1L when it binds PtdIns(4)P in 'trans' configuration (PubMed: <http://www.uniprot.org/citations/30659099>). Binds preferentially to PtdIns(4)P (PubMed: <http://www.uniprot.org/citations/11001876>), PubMed: <http://www.uniprot.org/citations/15107860>). Negatively

regulates APOB secretion from hepatocytes (PubMed:30659099).

Cellular Location

Golgi apparatus, trans-Golgi network membrane; Peripheral membrane protein. Note=Localizes to ER-trans Golgi network (TGN) contacts sites.

Tissue Location

Widely expressed.

FAPP1 Antibody (C-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

FAPP1 Antibody (C-term) Blocking Peptide - Images**FAPP1 Antibody (C-term) Blocking Peptide - Background**

FAPP1 binds specifically to phosphatidylinositol-4-phosphate (PtdIns4P), but not to other phosphoinositides.

FAPP1 Antibody (C-term) Blocking Peptide - References

Godi,A., Di Campli,A. Nat. Cell Biol. 6 (5), 393-404 (2004)Dowler,S., Currie,R.A. Biochem. J. 351 (PT 1), 19-31 (2000)