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ARF4L Antibody (N-term) Blocking Peptide

Synthetic peptide
Catalog # BP2302a

Specification

ARF4L Antibody (N-term) Blocking Peptide - Product Information

Primary Accession P49703

ARF4L Antibody (N-term) Blocking Peptide - Additional Information

Gene ID 379

Other Names
ADP-ribosylation factor-like protein 4D, ADP-ribosylation factor-like protein 4L, ARL4D, ARF4L

Target/Specificity
The synthetic peptide sequence used to generate the antibody AP2302a was selected from the N-term region of human ARF4L . 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.

ARF4L Antibody (N-term) Blocking Peptide - Protein Information

Name ARL4D

Synonyms ARF4L

Function
Small GTP-binding protein which cycles between an inactive GDP-bound and an active GTP-bound form, and the rate of cycling is regulated by guanine nucleotide exchange factors (GEF) and GTPase- activating proteins (GAP). GTP-binding protein that does not act as an allosteric activator of the cholera toxin catalytic subunit. Recruits CYTH1, CYTH2, CYTH3 and CYTH4 to the plasma membrane in GDP-bound form.

Cellular Location
Nucleus, nucleolus. Cell membrane. Nucleus Cytoplasm

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ARF4L Antibody (N-term) Blocking Peptide - Protocols

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

- Blocking Peptides

ARF4L Antibody (N-term) Blocking Peptide - Images

ARF4L Antibody (N-term) Blocking Peptide - Background

ARF4L is a member of the ADP-ribosylation factor family of GTP-binding proteins. This protein has a nuclear localization signal and an unusually high guanine nucleotide exchange rate. ARF4L may play a role in membrane-associated intracellular trafficking and protein secretion. Mutations in the ARF4L gene have been associated with Bardet-Biedl syndrome (BBS).

ARF4L Antibody (N-term) Blocking Peptide - References

Strausberg, R.L., et al., Proc. Natl. Acad. Sci. U.S.A. 99(26):16899-16903 (2002).Smith, S.A., et al., Genomics 28(1):113-115 (1995).