

ARL7 Antibody (N-term) Blocking Peptide

Synthetic peptide
Catalog # BP2310a

Specification

ARL7 Antibody (N-term) Blocking Peptide - Product Information

Primary Accession [P56559](#)
Other Accession [NP_005728](#)

ARL7 Antibody (N-term) Blocking Peptide - Additional Information

Gene ID 10123

Other Names

ADP-ribosylation factor-like protein 4C, ADP-ribosylation factor-like protein 7, ADP-ribosylation factor-like protein LAK, ARL4C, ARL7

Target/Specificity

The synthetic peptide sequence used to generate the antibody [AP2310a](/product/products/AP2310a) was selected from the N-term region of human ARL7 . 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.

ARL7 Antibody (N-term) Blocking Peptide - Protein Information

Name ARL4C

Synonyms ARL7

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. May be involved in transport between a perinuclear compartment and the plasma membrane, apparently linked to the ABCA1-mediated cholesterol secretion pathway. Recruits CYTH1, CYTH2, CYTH3 and CYTH4 to the plasma membrane in the GDP-bound form. Regulates the microtubule-dependent intracellular vesicular transport from early endosome to recycling endosome process.

Cellular Location

Cell projection, filopodium. Cell membrane. Cytoplasm

Tissue Location

Expressed in several tumor cell lines (at protein level). Expressed in lung, brain, leukocytes and placenta

ARL7 Antibody (N-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

ARL7 Antibody (N-term) Blocking Peptide - Images**ARL7 Antibody (N-term) Blocking Peptide - Background**

ADP-ribosylation factor-like 7 is a member of the ADP-ribosylation factor family of GTP-binding proteins. ARL7 is closely similar to ARL4 and ARL6 and each has a nuclear localization signal and an unusually high guanine nucleotide exchange rate.

ARL7 Antibody (N-term) Blocking Peptide - References

Jacobs, S., et al., FEBS Lett. 456(3):384-388 (1999).