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ARL4A Antibody (C-term) Blocking Peptide

Synthetic peptide
Catalog # BP14398b

Specification

ARL4A Antibody (C-term) Blocking Peptide - Product Information

Primary Accession	P40617

ARL4A Antibody (C-term) Blocking Peptide - Additional Information

Gene ID 10124

Other Names
ADP-ribosylation factor-like protein 4A, ARL4A, ARL4

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.

ARL4A Antibody (C-term) Blocking Peptide - Protein Information

Name ARL4A

Synonyms ARL4

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
Cell membrane. Cytoplasm. Nucleus, nucleolus. Note=Localization in the nucleolus is dependent by nucleotide binding

ARL4A Antibody (C-term) Blocking Peptide - Protocols

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

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- Blocking Peptides

ARL4A Antibody (C-term) Blocking Peptide - Images

ARL4A Antibody (C-term) Blocking Peptide - Background

ADP-ribosylation factor-like 4A is a member of theADP-ribosylation factor family of GTP-binding proteins. ARL4A issimilar to ARL4C and ARL4D and each has a nuclear localizationsignal and an unusually high guaninine nucleotide exchange rate.ARL4A is located in both the nuclear and extranuclear cellcompartments. Multiple transcript variants encoding the sameprotein have been found for this gene.

ARL4A Antibody (C-term) Blocking Peptide - References

Chi, J.H., et al. J. Neurosurg. 108(2):299-303(2008)Hofmann, I., et al. Curr. Biol. 17(8):711-716(2007)Lin, C.Y., et al. J. Biol. Chem. 275(48):37815-37823(2000)Suzuki, Y., et al. Genomics 64(3):286-297(2000)Jacobs, S., et al. FEBS Lett. 456(3):384-388(1999)