

ARF5 Antibody (Center) Blocking Peptide
Synthetic peptide
Catalog # BP17093c**Specification**

ARF5 Antibody (Center) Blocking Peptide - Product Information

Primary Accession [P84085](#)

ARF5 Antibody (Center) Blocking Peptide - Additional Information

Gene ID 381

Other Names

ADP-ribosylation factor 5, ARF5

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.

ARF5 Antibody (Center) Blocking Peptide - Protein Information

Name ARF5

Function

GTP-binding protein involved in protein trafficking; may modulate vesicle budding and uncoating within the Golgi apparatus.

Cellular Location

Golgi apparatus. Cytoplasm, perinuclear region. Membrane; Lipid-anchor. Golgi apparatus, trans-Golgi network membrane {ECO:0000250|UniProtKB:P84084}; Lipid-anchor {ECO:0000250|UniProtKB:P84084}

ARF5 Antibody (Center) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

ARF5 Antibody (Center) Blocking Peptide - Images**ARF5 Antibody (Center) Blocking Peptide - Background**

ADP-ribosylation factor 5 (ARF5) is a member of the human ARF gene family. These genes encode small guanine nucleotide-binding proteins that stimulate the ADP-ribosyltransferase activity of cholera toxin and play a role in vesicular trafficking and as activators of phospholipase D. The gene products include 6 ARF proteins and 11 ARF-like proteins and constitute 1 family of the RAS superfamily. The ARF proteins are categorized as class I (ARF1, ARF2, and ARF3), class II (ARF4 and ARF5) and class III (ARF6). The members of each class share a common gene organization. The ARF5 gene spans approximately 3.2 kb of genomic DNA and contains six exons and five introns. [provided by RefSeq].

ARF5 Antibody (Center) Blocking Peptide - References

Shiba, T., et al. Proc. Natl. Acad. Sci. U.S.A. 103(42):15416-15421(2006) Austin, C., et al. Biochemistry 41(14):4669-4677(2002) Shin, O.H., et al. Biochemistry 40(36):10846-10852(2001) Nevriy, D.J., et al. J. Biol. Chem. 275(22):16827-16836(2000) Kondo, A., et al. Mol. Biol. Cell 11(4):1315-1327(2000)