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ARF3 Antibody (Center D93) Blocking Peptide
Synthetic peptide
Catalog # BP6600c

Specification

ARF3 Antibody (Center D93) Blocking Peptide - Product Information

Primary Accession P61204

ARF3 Antibody (Center D93) Blocking Peptide - Additional Information

Gene ID 377

Other Names
ADP-ribosylation factor 3, ARF3

Target/Specificity
The synthetic peptide sequence used to generate the antibody AP6600c was selected from the Center region of human ARF3. 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.

ARF3 Antibody (Center D93) Blocking Peptide - Protein Information

Name ARF3

Function
GTP-binding protein that functions as an allosteric activator of the cholera toxin catalytic subunit, an ADP-ribosyltransferase. Involved in protein trafficking; may modulate vesicle budding and uncoating within the Golgi apparatus.

Cellular Location
Golgi apparatus. Cytoplasm, perinuclear region

ARF3 Antibody (Center D93) Blocking Peptide - Protocols

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

- Blocking Peptides

ARF3 Antibody (Center D93) Blocking Peptide - Images

ARF3 Antibody (Center D93) Blocking Peptide - Background

ADP-ribosylation factor 3 (ARF3) is a member of the human ARF family. These small guanine nucleotide-binding proteins stimulate the ADP-ribosyltransferase activity of cholera toxin and play a role in vesicular trafficking and as activators of phospholipase D. ARF3 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) and members of each class share a common gene organization.

ARF3 Antibody (Center D93) Blocking Peptide - References

Li,F., FEBS Lett. 524 (1-3), 49-53 (2002)Lee,F.J., J. Biol. Chem. 267 (34), 24441-24445 (1992)