

ARF5 Antibody (Center)

Affinity Purified Rabbit Polyclonal Antibody (Pab) Catalog # AP17093C

Specification

ARF5 Antibody (Center) - Product Information

Application WB,E
Primary Accession P84085

Other Accession P84083, P84084,

NP 001653.1

Reactivity
Predicted
Host
Clonality
Isotype
Calculated MW
Antigen Region

Human
Mouse, Rat
Rabbit
Polyclonal
Rabbit Ig
20530
80-108

ARF5 Antibody (Center) - Additional Information

Gene ID 381

Other Names

ADP-ribosylation factor 5, ARF5

Target/Specificity

This ARF5 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 80-108 amino acids from the Central region of human ARF5.

Dilution

WB~~1:1000

Format

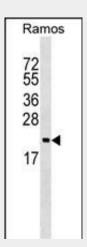
Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

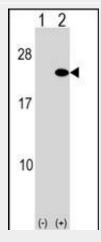
Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

ARF5 Antibody (Center) is for research use only and not for use in diagnostic or



ARF5 Antibody (Center) (Cat. #AP17093c) western blot analysis in Ramos cell line lysates (35ug/lane). This demonstrates the ARF5 antibody detected the ARF5 protein (arrow).



Western blot analysis of ARF5 (arrow) using rabbit polyclonal ARF5 Antibody (Center) (Cat. #AP17093c). 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected (Lane 2) with the ARF5 gene.

ARF5 Antibody (Center) - Background

ADP-ribosylation factor 5 (ARF5) is a member of the human



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therapeutic procedures.

ARF5 Antibody (Center) - 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) - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot
- <u>Immunohistochemistry</u>
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

ARF gene family. These genes encode small quanine 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 3.2kb of genomic DNA and contains six exons and five introns. [provided by RefSeq].

ARF5 Antibody (Center) - 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)
Nevrivy, D.J., et al. J. Biol. Chem. 275(22):16827-16836(2000)
Kondo, A., et al. Mol. Biol. Cell 11(4):1315-1327(2000)