

ARF5 Antibody (Center)

Affinity Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP17093C

Product Information

Application	WB, E
Primary Accession	P84085
Other Accession	P84083 , P84084 , NP_001653.1
Reactivity	Human
Predicted	Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB37019
Calculated MW	20530
Antigen Region	80-108

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~~1:2000 E~~Use at an assay dependent concentration.
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 therapeutic procedures.

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}

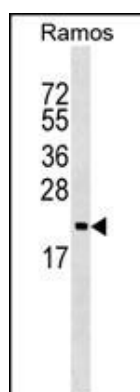
Background

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 3.2kb of genomic DNA and contains six exons and five introns. [provided by RefSeq].

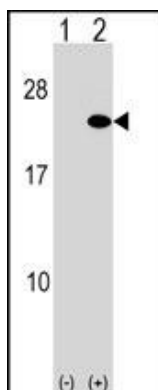
References

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Shin, O.H., et al. Biochemistry 40(36):10846-10852(2001)
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Images



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.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.