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ARF3 Antibody (Center D93)

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP6600c

Product Information

Application	WB, E
Primary Accession	P61204
Other Accession	P61206, P61205, Q5E9I6, P84082, Q8BSL7, P84081, P51643, P84079, P84078, Q4R5P2, P84077, P84080
Reactivity	Human
Predicted	Bovine, Monkey, Mouse, Rat, Xenopus, Canine, Rabbit, Chicken
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB19713
Calculated MW	20601
Antigen Region	78-106

Additional Information

Gene ID	377
Other Names	ADP-ribosylation factor 3, ARF3
Target/Specificity	This ARF3 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 78-106 amino acids from the Central region of human ARF3.
Dilution	WB~~1:1000 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
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	ARF3 Antibody (Center D93) is for research use only and not for use in diagnostic or therapeutic procedures.

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

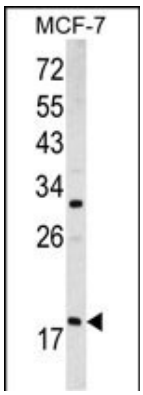
Background

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.

References

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

Images



Western blot analysis of ARF3 antibody (Center D93) (Cat. #AP6600c) in MCF-7 cell line lysates (35ug/lane). ARF3 (arrow) was detected using the purified Pab.

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