

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
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

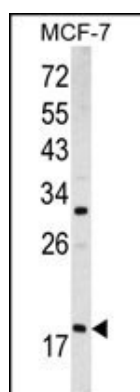
ADP-ribosylation factor 3 (ARF3) is a member of the human ARF family. These small guanine nucleotide-binding proteins stimulate the ADP-ribosyltransferase activity of cholera toxin and play a role in vesicular trafficking and as activators of phospholipase D. ARF3 include 6 ARF proteins and 11 ARF-like 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'.