

Datasheet for ABIN6991969
anti-ARF6 antibody (C-Term)



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Overview

Quantity:	0.1 mg
Target:	ARF6
Binding Specificity:	C-Term
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ARF6 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	ARF6 antibody was raised against a 19 amino acid peptide near the carboxy terminus of human ARF6. The immunogen is located within the last 50 amino acids of ARF6.
Isotype:	IgG
Specificity:	ARF6 antibody is human, mouse and rat reactive.
Purification:	ARF6 antibody is affinity chromatography purified via peptide column.

Target Details

Target:	ARF6
Alternative Name:	ARF6 (ARF6 Products)

Target Details

Background:	The ADP-ribosylation factor 6 (ARF6) is a member of the ARF family, which is part of the RAS superfamily (1). The ARF proteins are 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 (2). The product of this gene is localized to the plasma membrane (3), and regulates vesicular trafficking, remodelling of membrane lipids, and signaling pathways that lead to actin remodeling (4).
Molecular Weight:	Predicted: 19 kDa Observed: 18 kDa
Gene ID:	382
NCBI Accession:	NP_001654
UniProt:	P62330
Pathways:	Steroid Hormone Mediated Signaling Pathway , Regulation of Actin Filament Polymerization , SARS-CoV-2 Protein Interactome

Application Details

Application Notes:	ARF6 antibody can be used for detection of ARF6 by Western blot at 1 - 2 µg/mL. Antibody can also be used for Immunohistochemistry starting at 5 µg/mL. For immunofluorescence start at 20 µg/mL. Antibody validated: Western Blot in rat samples, Immunohistochemistry in human samples and Immunofluorescence in human samples. All other applications and species not yet tested.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	ARF6 antibody is supplied in PBS containing 0.02 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling

Storage:	-20 °C,4 °C
Storage Comment:	ARF6 antibody can be stored at 4°C for three months and -20°C, stable for up to one year.