

Datasheet for ABIN7602413
anti-ARF6 antibody (AA 75-175)



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Overview

Quantity:	100 µg
Target:	ARF6
Binding Specificity:	AA 75-175
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ARF6 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF), Immunocytochemistry (ICC), Flow Cytometry (FACS)

Product Details

Purpose:	Anti-ARF6 Antibody Picoband®
Immunogen:	E.coli-derived human ARF6 recombinant protein (Position: R75-S175).
Isotype:	IgG
Cross-Reactivity (Details):	No cross-reactivity with other proteins.
Characteristics:	Anti-ARF6 Antibody Picoband® (ABIN7602413). Tested in ELISA, Flow Cytometry, IF, ICC, WB applications. This antibody reacts with Human, Mouse, Rat. The brand Picoband indicates this is a premium antibody that guarantees superior quality, high affinity, and strong signals with minimal background in Western blot applications. Only our best-performing antibodies are designated as Picoband, ensuring unmatched performance.
Purification:	Immunogen affinity purified.

Target Details

Target:	ARF6
Alternative Name:	ARF6 (ARF6 Products)
Background:	Synonyms: Insulin-like growth factor-binding protein 1, IBP-1, IGF-binding protein 1, IGFBP-1, Igfbp1, Igfbp-1, Tissue Specificity: High expression in adult thyroid, lower expression in adult and fetal kidney and fetal brain. Not expressed in other tissues. Background: ADP-ribosylation factor 6 (ARF6) is a member of the human ARF gene family, which is part of the RAS superfamily. The ARF 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 product of this gene is localized to the plasma membrane, and regulates vesicular trafficking, remodelling of membrane lipids, and signaling pathways that lead to actin remodeling. A pseudogene of this gene is located on chromosome 7.
Molecular Weight:	20 kDa
Gene ID:	382
UniProt:	P62330
Pathways:	Steroid Hormone Mediated Signaling Pathway , Regulation of Actin Filament Polymerization , SARS-CoV-2 Protein Interactome

Application Details

Application Notes:	Western blot, 0.25-0.5 µg/mL, Human, Mouse, Rat Immunocytochemistry/Immunofluorescence, 5 µg/mL, Human Flow Cytometry (Fixed), 1-3 µg/1×10⁶ cells, Human, Rat ELISA, 0.1-0.5 µg/mL, - 1. "Entrez Gene: ARF6 ADP-ribosylation factor 6". 2. Prigent M, Dubois T, Raposo G, Derrien V, Tenza D, Rossé C, Camonis J, Chavrier P (December 2003). "ARF6 controls post-endocytic recycling through its downstream exocyst complex effector". J. Cell Biol. 163(5): 1111-21. 3. Peru y Colón de Portugal RL, Acevedo SF, Rodan AR, Chang LY, Eaton BA, Rothenfluh A (December 2012). "Adult neuronal Arf6 controls ethanol-induced behavior with Arfaptin downstream of Rac1 and RhoGAP18B". J. Neurosci. 32 (49): 17706-13.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Add 0.2 mL of distilled water will yield a concentration of 500 µg/mL.
Concentration:	500 µg/mL
Buffer:	Each vial contains 4 mg Trehalose, 0.9 mg NaCl and 0.2 mg Na ₂ HPO ₄ .
Storage:	4 °C, -20 °C
Storage Comment:	Store at -20°C for one year from date of receipt. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for six months. Avoid repeated freeze-thaw cycles.