

Datasheet for ABIN7602849
anti-ARL2 antibody (C-Term)



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Overview

Quantity:	100 µg
Target:	ARL2
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ARL2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Flow Cytometry (FACS), Immunofluorescence (IF), Immunocytochemistry (ICC)

Product Details

Purpose:	Anti-ARL2 Antibody Picoband®
Immunogen:	A synthetic peptide corresponding to a sequence at the C-terminus of human ARL2, which shares 90.9% amino acid (aa) sequence identity with mouse and rat ARL2.
Isotype:	IgG
Cross-Reactivity (Details):	No cross-reactivity with other proteins
Characteristics:	Anti-ARL2 Antibody Picoband® (ABIN7602849). Tested in WB, IHC, ICC/IF, Flow Cytometry 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.

Product Details

Purification: Immunogen affinity purified.

Target Details

Target:	ARL2
Alternative Name:	ARL2 (ARL2 Products)
Background:	Synonyms: ARL2, ADP-ribosylation factor-like protein 2 Background: ADP-ribosylation factor-like protein 2 is a protein that in humans is encoded by the ARL2 gene. This gene encodes a small GTP-binding protein of the RAS superfamily which functions as an ADP-ribosylation factor (ARF). The encoded protein is one of a functionally distinct group of ARF-like genes.
Molecular Weight:	18 kDa
Gene ID:	402
UniProt:	P36404
Pathways:	Cell-Cell Junction Organization, Maintenance of Protein Location

Application Details

Application Notes:	Western blot, 0.25-0.5 µg/mL, Human, Mouse, Rat Immunohistochemistry, 2-5 µg/mL, Human Immunocytochemistry/Immunofluorescence, 5 µg/mL, Human Flow Cytometry (Fixed), 1-3 µg/1x10⁶ cells, Human 1. Bowzard, J. B., Cheng, D., Peng, J., Kahn, R. A. ELMOD2 is an Arl2 GTPase-activating protein that also acts on Arfs. J. Biol. Chem. 282: 17568-17580, 2007. 2. Cai, X.-B., Wu, K.-C., Zhang, X., Lv, J.-N., Jin, G.-H., Xiang, L., Chen, J., Huang, X.-F., Pan, D., Lu, B., Lu, F., Qu, J., Jin, Z.-B. Whole-exome sequencing identified ARL2 as a novel candidate gene for MRCS (microcornea, rod-cone dystrophy, cataract, and posterior staphyloma) syndrome. Clin. Genet. 96: 61-71, 2019. 3. Clark, J., Moore, L., Krasinskas, A., Way, J., Battey, J., Tamkun, J., Kahn, R. A. Selective amplification of additional members of the ADP-ribosylation factor (ARF) family: cloning of additional human and Drosophila ARF-like genes. Proc. Nat. Acad. Sci. 90: 8952-8956, 1993.
Restrictions:	For Research Use only

Handling

Format: Lyophilized

Handling

Reconstitution:	Adding 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, 0.2 mg Na ₂ HPO ₄ .
Storage:	4 °C,-20 °C
Storage Comment:	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 freezing and thawing.