

Datasheet for ABIN7603020

anti-ARL6IP6 antibody (Middle Region)



[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	ARL6IP6
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ARL6IP6 antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS), Immunocytochemistry (ICC), Immunofluorescence (IF), Immunohistochemistry (IHC)

Product Details

Purpose:	Anti-ARL6IP6 Antibody Picoband®
Immunogen:	A synthetic peptide corresponding to a sequence in the middle region of human ARL6IP6, identical to the related mouse and rat sequences.
Isotype:	IgG
Cross-Reactivity (Details):	No cross-reactivity with other proteins.
Characteristics:	Anti-ARL6IP6 Antibody Picoband® (ABIN7603020). Tested in Flow Cytometry, IF, IHC, 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.

Product Details

Purification: Immunogen affinity purified.

Target Details

Target: ARL6IP6

Alternative Name: ARL6IP6 ([ARL6IP6 Products](#))

Background: Synonyms: Interactor of HORMAD1 protein 1, Cancer/testis antigen 74, CT74, Coiled-coil domain-containing protein 36, CCDC36, IH01

Tissue Specificity: Detected in liver, skeletal muscle, kidney, pancreas, spleen, thyroid, testis, ovary, small intestine and colon.

Background: ADP ribosylation factor like GTPase 6 interacting protein 6 is a protein that in the humans is encoded by the ARL6IP6 gene. ARL6IP6 (ADP-ribosylation-like factor 6 interacting protein 6), also known as PFAAP1 (phosphonoformate immuno-associated protein 1), is a 226 amino acid multi-pass membrane protein that belongs to the ARL6IP6 family and is encoded by a gene that maps to human chromosome 2q23.3. A 2q23.3 novel microdeletion involving seven genes, including ARL6IP6, is linked to a proposed 2q23q24 microdeletion syndrome. Additional chromosome 2q deletions, which also include ARL6IP6, are linked to autism, developmental delays and communication impairment. As the second largest human chromosome, chromosome 2 makes up approximately 8 % of the human genome and contains 237 million bases encoding over 1,400 genes. Chromosome 2 contains a probable vestigial second centromere, as well as vestigial telomeres, which gives credence to the hypothesis that human chromosome 2 formed as a result of an ancient fusion of two ancestral chromosomes, which are still present in modern day apes.

Molecular Weight: 22 kDa

Gene ID: 151188

UniProt: [Q8N6S5](#)

Pathways: [SARS-CoV-2 Protein Interactome](#)

Application Details

Application Notes: Western blot, 0.25-0.5 µg/mL, Human, Mouse, Rat

Immunohistochemistry(Paraffin-embedded Section), 2-5 µg/mL, Human

Immunocytochemistry/Immunofluorescence, 5 µg/mL, Human

Flow Cytometry (Fixed), 1-3 µg/1x10⁶ cells, Human, Mouse

1. Abumansour, I. S., Hijazi, H., Alazmi, A., Alzahrani, F., Bashiri, F. A., Hassan, H., Alhaddab, M.,

Application Details

Alkuraya, F. S. ARL6IP6, a susceptibility locus for ischemic stroke, is mutated in a patient with syndromic cutis marmorata telangiectatica congenita. Hum. Genet. 134: 815-822, 2015. 2.
Hartz, P. A. Personal Communication. Baltimore, Md. 7/28/2015. 3. Ingley, E., Williams, J. H., Walker, C. E., Tsai, S., Colley, S., Sayer, M. S., Tilbrook, P. A., Sarna, M., Beaumont, J. G., Klinken, S. P. A novel ADP-ribosylation like factor (ARL-6), interacts with the protein-conducting channel SEC61-beta subunit. FEBS Lett. 459: 69-74, 1999.

Restrictions: For Research Use only

Handling

Format:	Lyophilized
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 Na2HPO4.
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.