Datasheet for ABIN7601725

anti-RAP1GDS1 antibody (AA 43-607)

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Overview

Quantity:	100 µg
Target:	RAP1GDS1
Binding Specificity:	AA 43-607
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RAP1GDS1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF), Flow Cytometry (FACS), Immunocytochemistry (ICC)

Product Details

Purpose:	Anti-RAP1GDS1 Antibody Picoband®
Immunogen:	E.coli-derived human RAP1GDS1 recombinant protein (Position: E43-S607).
Isotype:	IgG
Cross-Reactivity (Details):	No cross-reactivity with other proteins.
Characteristics:	Anti-RAP1GDS1 Antibody Picoband® (ABIN7601725). Tested in ELISA, Flow Cytometry, IF, ICC, WB applications. This antibody reacts with Human. 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:	RAP1GDS1
Alternative Name:	RAP1GDS1 (RAP1GDS1 Products)
Background:	Synonyms: Fascin-2, Retinal fascin, FSCN2 Tissue Specificity: Localized specifically in the outer and inner segments of the photoreceptor cells in the retina. Background: Rap1 GTPase-GDP dissociation stimulator 1 is an enzyme that in humans is encoded by the RAP1GDS1 gene. The smg GDP dissociation stimulator (smgGDS) protein is a stimulatory GDP/GTP exchange protein with GTPase activity.
Molecular Weight:	66 kDa
Gene ID:	5910
UniProt:	P52306
Pathways:	SARS-CoV-2 Protein Interactome

Application Details

Application Notes:	Western blot, 0.25-0.5 µg/mL, Human Immunocytochemistry/Immunofluorescence, 5 µg/mL, Human Flow Cytometry (Fixed), 1-3 µg/1x10^6 cells, Human ELISA, 0.1-0.5 µg/mL, - 1. Asiri, A., Aloyouni, E., Umair, M., Alyafee, Y., Al Tuwaijri, A., Alhamoudi, K. M., Almuzzaini, B., Al Baz, A., Alwadaani, D., Nashabat, M., Alfadhel, M. Mutated RAP1GDS1 causes a new syndrome of dysmorphic feature, intellectual disability & speech delay. Ann. Clin. Transl. Neurol. 7: 956-964, 2020. 2. Bertoli-Avella, A. M., Kandaswamy, K. K., Khan, S., Ordonez-Herrera, N., Tripolszki, K., Beetz, C., Rocha, M. E., Urzi, A., Hotakainen, R., Leubauer, A., Al-Ali, R., Karageorgou, V., and 25 others. Combining exome/genome sequencing with data repository analysis reveals novel gene-disease associations for a wide range of genetic disorders. Genet. Med. 23: 1551-1568, 2021. 3. Durkin, A. S., Maglott, D. R., Nierman, W. C. Chromosomal assignment of 38 human brain expressed sequence tags (ESTs) by analyzing fluorescently labeled PCR products from hybrid cell panels. Genomics 14: 808-810, 1992.
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 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.