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Datasheet for ABIN5010048

anti-RPGRIP1L antibody (AA 41-140) (Alexa Fluor 680)

Overview

Quantity:	100 µL
Target:	RPGRIP1L
Binding Specificity:	AA 41-140
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RPGRIP1L antibody is conjugated to Alexa Fluor 680
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human RPGRIP1L
Isotype:	IgG
Predicted Reactivity:	Human, Mouse, Rat, Dog, Cow, Sheep, Pig, Horse, Rabbit, Guinea Pig
Purification:	Purified by Protein A.

Target Details

Target:	RPGRIP1L
Alternative Name:	RPGRIP1L (RPGRIP1L Products)
Background:	Synonyms: CORS 3, CORS3, Fantom, FTM, JBTS 1, JBTS 7, JBTS1, JBTS7, Joubert syndrome 1,

Target Details

Joubert syndrome 7, Meckel syndrome, type 1, RPGRIP1-like, Meckel syndrome, type 5, MKS 5, MKS5, NPHP 8, NPHP8, nephrocystin 8, Protein phantom, Retinitis pigmentosa GTPase regulator interacting protein 1 like, RPGR interacting protein 1 like protein, RPGRIP1 like protein, FTM_HUMAN.

Background: RPGRIP1L is a 1,315 amino acid protein that belongs to the RPGRIP1 family and is thought to function in programmed cell death, craniofacial development and formation of the left-right axis. Existing as two alternatively spliced isoforms that localize to the cytoplasm, cytoskeleton, centrosome and cilium basal body, RPGRIP1L interacts with nephrocystin-4 and is moderately expressed in brain, retina and kidney. Containing two C2 domains, RPGRIP1L is encoded by a gene that maps to human chromosome 16q12.2. Defects in the gene encoding RPGRIP1L are the cause of Joubert syndrome type 7 (JBTS7), COACH syndrome (COACHS) and Meckel syndrome type 5 (MKS5).

Pathways: [DNA Replication](#), [Regulation of G-Protein Coupled Receptor Protein Signaling](#), [Synthesis of DNA](#)

Application Details

Application Notes: IF(IHC-P) 1:50-200
IF(IHC-F) 1:50-200
IF(ICC) 1:50-200

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Expiry Date: 12 months