Datasheet for ABIN1412142 anti-RPGRIP1L antibody (AA 41-140) (Cy7)

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Quantity:	100 μL
Target:	RPGRIP1L
Binding Specificity:	AA 41-140
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RPGRIP1L antibody is conjugated to Cy7
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,

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	Joubert syndrome 7, Meckel syndrome, type 1, RPGRIP1-like, Meckel syndrome, type 5, MKS 5,
	MKS5, NPHP 8, NPHP8, nephrocystin 8, Protein fantom, 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

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