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Datasheet for ABIN1385221 **anti-RPGRIP1L antibody (AA 41-140)**

Overview

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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 un-conjugated |
| Application: | Western Blotting (WB), ELISA, Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunocytochemistry (ICC), Immunohistochemistry (Frozen Sections) (IHC (fro)) |

Product Details

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| 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

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| Target: | RPGRIP1L |
| Alternative Name: | RPGRIP1L (RPGRIP1L Products) |

Target Details

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| Background: | <p>Synonyms: CORS 3, CORS3, Fantom, FTM, JBTS 1, JBTS 7, JBTS1, JBTS7, Joubert syndrome 1, 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.</p> <p>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).</p> |
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| Pathways: | DNA Replication , Regulation of G-Protein Coupled Receptor Protein Signaling , Synthesis of DNA |
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Application Details

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| Application Notes: | WB 1:300-5000 |
| | ELISA 1:500-1000 |
| | IHC-P 1:200-400 |
| | IHC-F 1:100-500 |
| | IF(IHC-P) 1:50-200 |
| | IF(IHC-F) 1:50-200 |
| | IF(ICC) 1:50-200 |
| | ICC 1:100-500 |

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| Restrictions: | For Research Use only |
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Handling

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| Format: | Liquid |
| Concentration: | 1 µg/µL |
| Buffer: | 0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % 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. |

Handling

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| Storage: | 4 °C,-20 °C |
| Storage Comment: | Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles. |
| Expiry Date: | 12 months |