

For Research Use Only

GRASP65, GORASP1 Polyclonal antibody



Catalog Number: 10747-2-AP **5 Publications**

Basic Information

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| Catalog Number: 10747-2-AP | GenBank Accession Number: BC008928 | Purification Method: Antigen affinity purification |
| Size: 800 µg/ml | GeneID (NCBI): 64689 | Recommended Dilutions: WB 1:1000-1:5000 IF 1:50-1:500 |
| Source: Rabbit | UNIPROT ID: Q9BQQ3 | |
| Isotype: IgG | Full Name: golgi reassembly stacking protein 1, 65kDa | |
| Immunogen Catalog Number: AG1054 | Calculated MW: 46 kDa | |
| | Observed MW: 65-70 kDa | |

Applications

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| Tested Applications: IF/ICC, WB, ELISA | Positive Controls: |
| Cited Applications: WB, IF | WB: A549 cells, HEK-293 cells, HeLa cells |
| Species Specificity: human, mouse, rat | IF: HeLa cells, |
| Cited Species: human, mouse | |

Background Information

Golgi reassembly-stacking protein 1 is a protein that in humans is encoded by the GORASP1 gene. The Golgi complex plays a key role in the sorting and modification of proteins exported from the endoplasmic reticulum. The protein encoded by this gene is a membrane protein involved in establishing the stacked structure of the Golgi apparatus. It is a caspase-3 substrate, and cleavage of this encoded protein contributes to Golgi fragmentation in apoptosis. This encoded protein can form a complex with the Golgi matrix protein GOLGA2, and this complex binds to the vesicle docking protein p115. Several alternatively spliced transcript variants of this gene have been identified, but their full-length natures have not been determined. (refer to Wikipedia)

Notable Publications

| Author | Pubmed ID | Journal | Application |
|-----------------|-----------|------------------|-------------|
| Guang Ji | 31264250 | J Cell Biochem | IF |
| Maryam Arab | 36512212 | Methods Mol Biol | WB |
| Stephen Ireland | 32179476 | iScience | WB |

Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

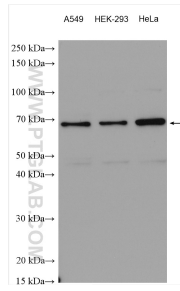
T: 4006900926

E: Proteintech-CN@ptglab.com

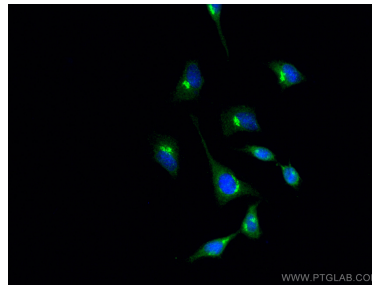
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 10747-2-AP (GRASP65, GORASP1 antibody) at dilution of 1:2500 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (-20°C Methanol) fixed HeLa cells using GRASP65, GORASP1 antibody (10747-2-AP) at dilution of 1:200 and CoraLite® 488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).