

GRASP65, GORASP1 Polyclonal Antibody

Catalog number: 10747-2-AP

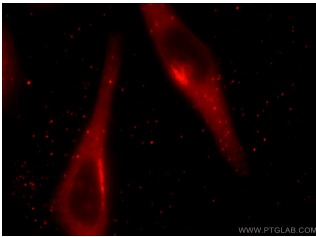
Size: 18 µg/150 µl

Source: Rabbit

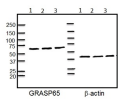
Isotype: IgG

Synonyms:

GORASP1; FLJ23443, Golgi phosphoprotein 5, GOLPH5, GORASP1, GRASP65, P65



Immunofluorescent analysis of HeLa cells using 10747-2-AP (GRASP65, GORASP1 Antibody) at dilution of 1:25 and Rhodamine-Goat anti-Rabbit IgG



1. HeLa cell lysate (2%SDS lysis buffer)
2. HeLa cell lysate (1% Tx-100 lysis buffer)
3. HeLa cell lysate (1% NP-40 lysis buffer)

Blocking: 5% milk in TBS-T
Primary ab: GRASP65 (1:1000) in 1%BSA in TBS-T O/N at 4 degree
Sec ab: Anti Rabbit (1:10,000) in 0.5%BSA in TBS-T for 35 min at RT
Detection by ECL GE: 45 sec exposure

WB result of GRASP65 antibody (10747-2-AP, 1:1000) with HeLa cell lysate by Dr. Neeraj Tiwari, James Rothman Lab.

Background

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)

Applications

Tested applications:	ELISA, IF, WB
Species specificity:	Human, Mouse, Rat; other species not tested.
Calculated	46 kDa
GRASP65, GORASP1 MW:	
Observed	46, 65 kDa
GRASP65, GORASP1 MW:	
Positive WB detected in	HeLa cells
Positive IF detected in	HeLa cells
Recommended dilution:	WB: N/A
	IF: 1:10-1:100

Application key: WB = Western blotting, IHC = Immunohistochemistry, IF = Immunofluorescence, IP = Immunoprecipitation

Immunogen information

Immunogen:	Ag1054
GenBank accession number:	BC008928
Gene ID (NCBI):	64689
Full name:	Golgi reassembly stacking protein 1, 65kDa

Product information

Purification method:	Antigen affinity purification
Storage:	PBS with 0.1% sodium azide and 50% glycerol pH 7.3. Store at -20°C.