

Product datasheet for TA376684S

OriGene Technologies, Inc.

9620 Medical Center Drive, Ste 200 Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com CN: techsupport@origene.cn

GRASP65 (GORASP1) Rabbit Polyclonal Antibody

Product data:

Product Type: Primary Antibodies

Applications: ELISA, ICC/IF, WB **Recommended Dilution:** WB.1:500 - 1:2000

IF/ICC,1:10 - 1:100

ELISA, Recommended starting concentration is 1 µg/mL. Please optimize the concentration

based on your specific assay requirements.

Reactivity: Human

Modifications: Unmodified

Host: Rabbit Isotype: IgG

Clonality: Polyclonal

Formulation: Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.

Concentration: lot specific

Purification: Affinity purification

Conjugation: Unconjugated

Storage: Store at -20°C. Avoid freeze / thaw cycles.

Stability: Shelf life: one year from despatch.

Predicted Protein Size: 46kDa

Gene Name: golgi reassembly stacking protein 1

Database Link: <u>Entrez Gene 64689 Human</u>

Q9BQQ3

Background: 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. Alternative splicing results in

multiple transcript variants of this gene.

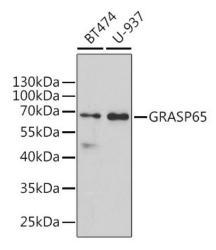




Synonyms:

FLJ23443; GOLPH5; GRASP65; MGC118894; MGC118897; P65

Product images:

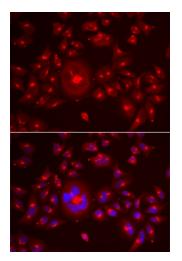


Western blot analysis of various lysates using GRASP65 Rabbit pAb ([TA376684]) at 1:1000 dilution.

Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane.

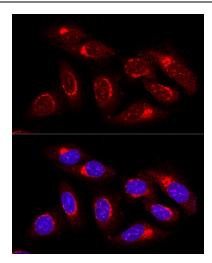
Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020).

Exposure time: 90s.



Immunofluorescence analysis of A549 cells using GRASP65 Rabbit pAb ([TA376684]). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.





Confocal immunofluorescence analysis of U2OS cells using GRASP65 Rabbit pAb ([TA376684]) at dilution of 1:100. Blue: DAPI for nuclear staining.