

GRASP65 Rabbit pAb

Catalog No.: A6609

Basic Information

Observed MW

65kDa

Calculated MW

46kDa

Category

Primary antibody

Applications

WB, IF/ICC, ELISA

Cross-Reactivity

Human

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.

Recommended Dilutions

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.

Immunogen Information

Gene ID

64689

Swiss Prot

Q9BQQ3

Immunogen

Recombinant protein (or fragment). This information is considered to be commercially sensitive.

Synonyms

P65; GOLPH5; GRASP65

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

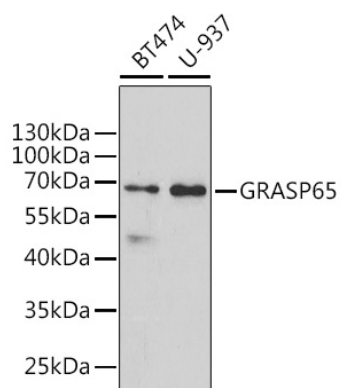
Affinity purification

Storage

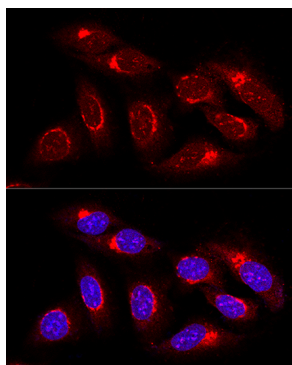
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS containing 50% glycerol, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

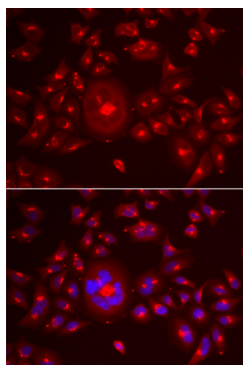
Validation Data



Western blot analysis of various lysates using GRASP65 Rabbit pAb (A6609) 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.



Confocal immunofluorescence analysis of U2OS cells using GRASP65 Rabbit pAb (A6609) at dilution of 1:100. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of A549 cells using GRASP65 Rabbit pAb (A6609).
Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.