

Product Datasheet

GRASP65 Antibody NB100-74432

Unit Size: 0.1 ml

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

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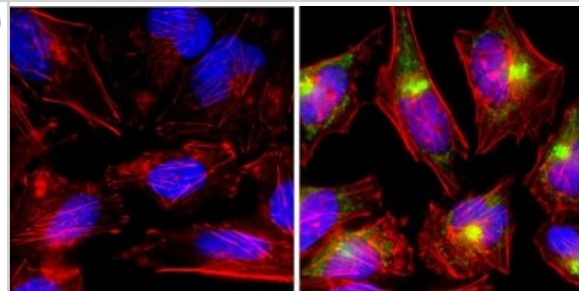
NB100-74432

GRASP65 Antibody

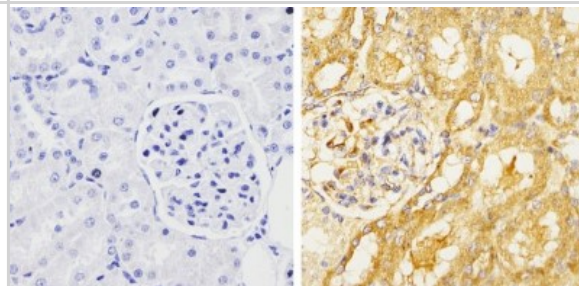
Product Information	
Unit Size	0.1 ml
Concentration	This product is unpurified. The exact concentration of antibody is not quantifiable.
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.05% Sodium Azide
Purity	Unpurified
Buffer	Whole antisera
Product Description	
Host	Rabbit
Gene ID	64689
Gene Symbol	GORASP1
Species	Human, Mouse, Rat
Reactivity Notes	Human, Mouse and Rat.
Specificity/Sensitivity	GRASP65
Immunogen	protein containing C-terminal residues (a.a. 202-447) of rat Grasp65.
Product Application Details	
Applications	Western Blot, Immunocytochemistry/Immunofluorescence, Immunohistochemistry-Paraffin, Immunoprecipitation
Recommended Dilutions	Western Blot 1:5000, Immunocytochemistry/Immunofluorescence 1:500, Immunoprecipitation 1:200, Immunohistochemistry-Paraffin 1:10 - 1:500

Images

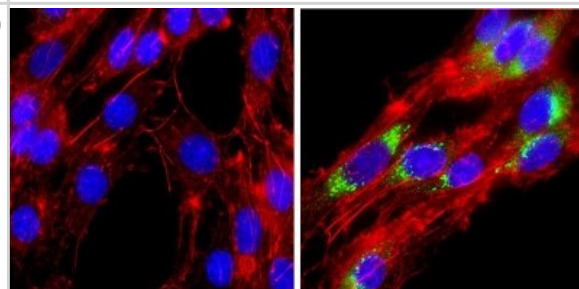
Immunocytochemistry/Immunofluorescence: GRASP65 Antibody [NB100-74432] - Analysis of GRASP65 (green) showing staining in the Golgi apparatus of HeLa cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with a GRASP65 polyclonal antibody in 3% BSA-PBS at a dilution of 1:200 and incubated overnight at 4C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight-conjugated secondary antibody in PBS at room temperature in the dark. F-actin (red) was stained with a fluorescent red phalloidin and nuclei (blue) were stained with Hoechst or DAPI.



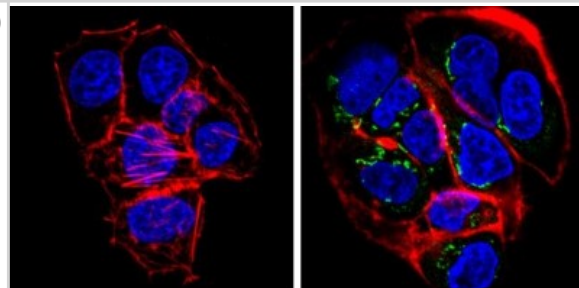
Immunohistochemistry-Paraffin: GRASP65 Antibody [NB100-74432] - Analysis showing staining in the cytoplasm of rat kidney tissue (right) compared with a negative control without primary antibody (left).



Immunocytochemistry/Immunofluorescence: GRASP65 Antibody [NB100-74432] - Analysis of GRASP65 (green) showing staining in the Golgi apparatus of PC12 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with a GRASP65 polyclonal antibody in 3% BSA-PBS at a dilution of 1:200 and incubated overnight at 4C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight-conjugated secondary antibody in PBS at room temperature in the dark. F-actin (red) was stained with a fluorescent red phalloidin and nuclei (blue) were stained with Hoechst or DAPI.



Immunocytochemistry/Immunofluorescence: GRASP65 Antibody [NB100-74432] - Analysis of GRASP65 (green) showing staining in the Golgi apparatus of HepG2 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with a GRASP65 polyclonal antibody in 3% BSA-PBS at a dilution of 1:200 and incubated overnight at 4C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight-conjugated secondary antibody in PBS at room temperature in the dark. F-actin (red) was stained with a fluorescent red phalloidin and nuclei (blue) were stained with Hoechst or DAPI.



Publications

Romano JD, Sonda S, Bergbower E et al. Toxoplasma gondii salvages sphingolipids from the host Golgi through the rerouting of selected Rab vesicles to the parasitophorous vacuole. Mol Biol Cell 2013 Jun [PMID: 23615442] (ICC/IF, Human)

Roy E, Bruyere J, Flamant P et al. GM130 gain-of-function induces cell pathology in a model of lysosomal storage disease. Human Molecular Genetics. 2011 Dec 12. [PMID: 22156940]



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Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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