GRASP65 Polyclonal Antibody

Product Details	
Size	100 µL
Species Reactivity	Human, Mouse, Rat
Published Species	Mouse, Human
Host/Isotype	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	GST fusion protein containing C-terminal residues (202-447) of rat Grasp65.
Form	Liquid
Concentration	Conc. Not Determined
Storage buffer	whole serum
Contains	0.05% sodium azide
Storage conditions	-20° C, Avoid Freeze/Thaw Cycles
RRID	AB_2113207

Applications	Tested Dilution	Publications
Western Blot (WB)	1:5,000	2 Publications
Immunohistochemistry (IHC)	-	1 Publication
Immunohistochemistry (Paraffin) (IHC (P))	1:100-1:1,000	-
Immunocytochemistry (ICC/IF)	1:100-1:500	4 Publications
Immunoprecipitation (IP)	1:200	-

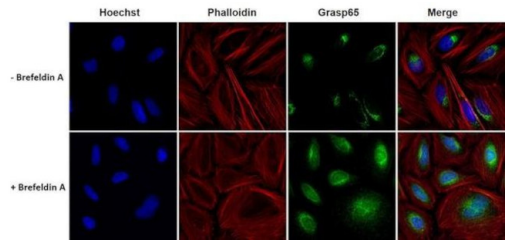
Product Specific Information

PA3-910 detects Grasp65 from human, mouse, and rat samples.

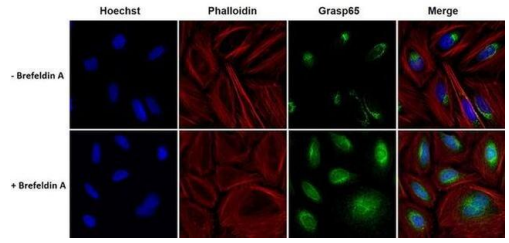
PA3-910 has been successfully used in Western blot, IHC (paraffin), immunofluorescence, immunocytochemistry and immunoprecipitation procedures.

The PA3-910 immunogen is a GST fustion protein containing the C-terminal residues (202-447) of rat Grasp65.

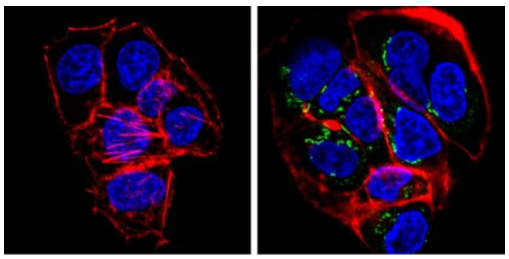
Product Images For GRASP65 Polyclonal Antibody



GRASP65 Antibody (PA3-910) in ICC/IF
Immunofluorescent analysis of Grasp65 (green) in HeLa cells either left untreated or treated 5 µg/mL Brefeldin A for 4 hours. The cells were fixed with 4% paraformaldehyde for 15 minutes at room temperature, permeabilized with 0.1% Triton X-100 for 15 minutes, and blocked with 3% BSA for 30 minutes at room temperature. Cells were stained with a Grasp65 rabbit polyclonal antibody (Product # PA3-910) at a dilution of 1:200 in blocking buffer for 1 hour at room temperature, and then incubated with a Goat anti-Rabbit IgG (H+L) Secondary Antibody, Alexa Fluor Plus 488 conjugate (Product # A32731) at a dilution of 1:500 for at least 30 minutes at a room temperature in the dark (green). F-actin (red) was stained with Dylight 554 Phalloidin. Nuclei (blue) were stained with Hoechst 33342 (Product # 62249). Images were taken on a Thermo Scientific ToxInsight Instrument at 20X magnification.



GRASP65 Antibody (PA3-910)
The specificity of anti-Grasp65 polyclonal antibody (Product # PA3-910) was demonstrated by the immunofluorescence detection of dispersed Grasp65 upon the disruption of Golgi structure in HeLa cells with Brefeldin A treatment. {TM}



GRASP65 Antibody (PA3-910) in ICC/IF
Immunofluorescent 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 (Product # PA3-910) in 3% BSA-PBS at a dilution of 1:200 and incubated overnight at 4 ºC 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. Images were taken at a magnification of 100x.

View more figures on thermofisher.com

7 References

Western Blot (2)

Journal of extracellular biology

Biogenesis of JC polyomavirus associated extracellular vesicles.

"Published figure using GRASP65 polyclonal antibody (Product # PA3-910) in Western Blot"

Authors: Morris-Love J,O'Hara BA,Gee GV,Dugan AS,O'Rourke RS,Armstead BE,Assetta B,Haley SA,Atwood WJ

Year
2022

Cells

Towards Age-Related Anti-Inflammatory Therapy: Klotho Suppresses Activation of ER and Golgi Stress Response in Senescent Monocytes.

"PA3-910 was used in Western Blotting to provide evidence of klotho involvement in the crosstalk on the line ER-Golgi, which may, in turn, affect activation of SASP."

Authors: Mytych J,Soek P,Bdziska A,Rusinek K,Warzybok A,Tabcka-onczyska A,Koziorowski M

Year
2020

Species
Human

Dilution
1:5000

Immunohistochemistry (1)

Scientific reports

Autophagy-lysosome pathway alterations and alpha-synuclein up-regulation in the subtype of neuronal ceroid lipofuscinosis, CLN5 disease.

"PA3-910 was used in Immunohistochemistry to examine whether autophagy is altered in CLN5 disease."

Authors: Adams J,Feuerborn M,Molina JA,Wilden AR,Adhikari B,Budden T,Lee SY

Year
2019

Species
Human

Immunocytochemistry (4)

Glycobiology

Lack of N-glycosylation increases amyloidogenic processing of the amyloid precursor protein.

"Published figure using GRASP65 polyclonal antibody (Product # PA3-910) in Immunocytochemistry"

Authors: Lin T,van Husen LS,Yu Y,Tjernberg LO,Schedin-Weiss S

Year
2022

View more ICC/IF references on thermofisher.com

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