

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.

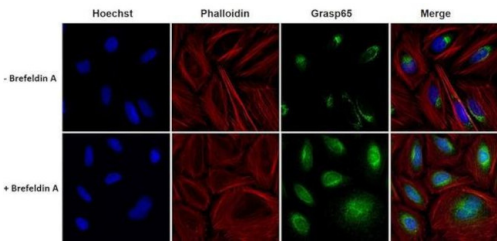
PA3-910 has been successfully used in Western blot, IHC (paraffin), immunofluorescence, immunocytochemistry and immunoprecipitation procedures.

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

Product Images For GRASP65 Polyclonal Antibody

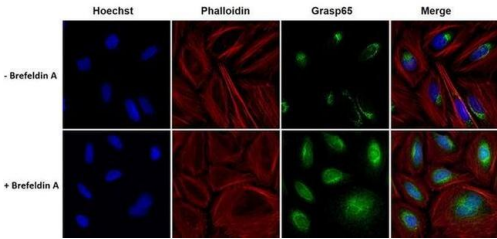
GRASP65 Antibody (PA3-910) in ICC/IF

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.



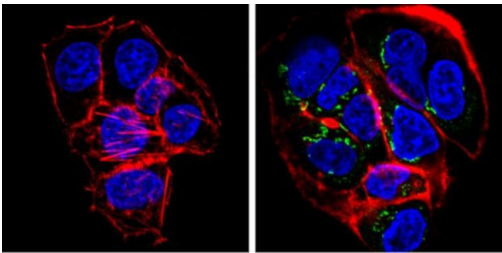
GRASP65 Antibody (PA3-910)

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 °C 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](https://thermofisher.com)

Western Blot (2)

<p>Journal of extracellular biology</p> <p>Biogenesis of JC polyomavirus associated extracellular vesicles.</p> <p>"Published figure using GRASP65 polyclonal antibody (Product # PA3-910) in Western Blot"</p> <p>Authors: Morris-Love J,O'Hara BA,Gee GV,Dugan AS,O'Rourke RS,Armstead BE,Assetta B,Haley SA,Atwood WJ</p>	<p>Year 2022</p>
<p>Cells</p> <p>Towards Age-Related Anti-Inflammatory Therapy: Klotho Suppresses Activation of ER and Golgi Stress Response in Senescent Monocytes.</p> <p>"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."</p> <p>Authors: Mytych J,Soek P,Bdziska A,Rusinek K,Warzybok A,Tabcka-onczyska A,Koziorowski M</p>	<p>Year 2020</p> <p>Species Human</p> <p>Dilution 1:5000</p>

Immunohistochemistry (1)

<p>Scientific reports</p> <p>Autophagy-lysosome pathway alterations and alpha-synuclein up-regulation in the subtype of neuronal ceroid lipofuscinosis, CLN5 disease.</p> <p>"PA3-910 was used in Immunohistochemistry to examine whether autophagy is altered in CLN5 disease."</p> <p>Authors: Adams J,Feuerborn M,Molina JA,Wilden AR,Adhikari B,Budden T,Lee SY</p>	<p>Year 2019</p> <p>Species Human</p>
---	---

Immunocytochemistry (4)

<p>Glycobiology</p> <p>Lack of N-glycosylation increases amyloidogenic processing of the amyloid precursor protein.</p> <p>"Published figure using GRASP65 polyclonal antibody (Product # PA3-910) in Immunocytochemistry"</p> <p>Authors: Lin T,van Husen LS,Yu Y,Tjernberg LO,Schedin-Weiss S</p>	<p>Year 2022</p>
---	-----------------------------

[View more ICC/IF references on thermofisher.com](#)

More applications with references on thermofisher.com

For Research Use Only. Not for use in diagnostic procedures. Not for resale without express authorization. Products are warranted to operate or perform substantially in conformance with published Product specifications in effect at the time of sale, as set forth in the Production documentation, specifications and/or accompanying package inserts ("Documentation"). No claim of suitability for use in applications regulated by FDA is made. The warranty provided herein is valid only when used by properly trained individuals. Unless otherwise stated in the Documentation, this warranty is limited to one year from date of shipment when the Product is subjected to normal, proper and intended usage. This warranty does not extend to anyone other than the Buyer. Any model or sample furnished to Buyer is merely illustrative of the general type and quality of goods and does not represent that any Product will conform to such model or sample. NO OTHER WARRANTIES, EXPRESS OR IMPLIED, ARE GRANTED INCLUDING WITHOUT LIMITATION, IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR ANY PARTICULAR PURPOSE, OR NON-INFRINGEMENT. BUYER'S EXCLUSIVE REMEDY FOR NON-CONFORMING PRODUCTS DURING THE WARRANTY PERIOD IS LIMITED TO REPAIR, REPLACEMENT OF OR REFUND FOR THE NON-CONFORMING PRODUCT(S) AT SELLER'S SOLE OPTION. THERE IS NO OBLIGATION TO REPAIR, REPLACE OR REFUND FOR PRODUCTS AS THE RESULT OF (I) ACCIDENT, DISASTER OR EVENT OF FORCE MAJEURE, (II) MISUSE, FAULT OR NEGLIGENCE OF OR BY BUYER, (III) USE OF THE PRODUCTS IN A MANNER FOR WHICH THEY WERE NOT DESIGNED, OR (IV) IMPROPER STORAGE AND HANDLING OF THE PRODUCTS. Unless otherwise expressly stated on the Product or in the documentation accompanying the Product, the Product is intended for research only and is not to be used for any other purpose, including without limitation, unauthorized commercial uses, in vitro diagnostic uses, ex vivo or in vivo therapeutic uses, or any type of consumption by or application to human or animals.