Nur für Forschungszwecke

GOLGA2/GM130 Polyklonaler Antikörper

proteintech®
Antibodies | ELISA kits | Proteins
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Katalog-Nr.:11308-1-AP Vorgestelltes Produkt 87 Publikationen

Allgemeine Informationen

Katalog-Nr.:
11308-1-AP

Größe:
150ul , Konzentration: 600 μg/ml von Nanodrop;

Wirt:
Kaninchen

Isotyp:
IgG

Immunogen Katalognummer:
AG1848

GenBank-Zugangsnummer:
BC014188

GeneID (NCBI):
2801

Vollständiger Name:
golgi autoantigen, golgin subfamily a, 2

Berechneté Masse:
111 kDa

Beobachteté Masse:
130 kDa

Reinigungsmethode:
Antigen-Affinitätsreinigung

Empfohlene Verdünnungen:
WB 1:5000-1:50000
IHC 1:50-1:200
IF 1:50-1:500

Anwendungen

Geprüfte Anwendungen:
FC, IF, IHC, WB, ELISA

In Publikationen genannte Anwendungen:
IF, IHC, WB

Getestete Reaktivität:
Human, Hund

Zitierte Arten:
Affe, Hamster, Human

Hinweis-IHC: Antigendemaskierung mit TE-Puffer pH 9,0 empfohlen. (*) Wahlweise kann die Antigendemaskierung auch mit Citratpuffer pH 6,0 erfolgen.

Positivkontrollen:

WB : A549-Zellen, HEK-293-Zellen, HeLa-Zellen, humanes Milzgewebe, MCF-7-Zellen

IHC : humanes Hodengewebe,

IF : HeLa-Zellen, HEK-293-Zellen, HepG2-Zellen, MDCK-Zellen

Hintergrundinformationen

GOLGA2, also known as GM130, is a 130 kDa cis-Golgi matrix protein which is one component of the detergent and salt resistant Golgi matrix. It is a peripheral membrane protein highly bound to Golgi membrane and localized mainly at the cytoplasmic face of cis-Golgi membrane. Together with its interacting partner proteins, including p115, giantin, GRASP65, and Rab GTPase, GOLGA2/GM130 is involved in the regulation of ER-to-Golgi transport and also in the maintenance of the Golgi structure. Emerging evidence suggest that the GOLGA2/GM130 has potential roles in the control of glycosylation, cell cycle progression, and higher order cell functions such as cell polarization and directed cell migration. (PMID: 20197635)

Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Emmanuelle Steib	36313808	Cell Rep Methods	IF
Zhaoyue Meng	36175399	Nat Commun	IHC
Ying Zhou	36213325	J Immunol Res	IF

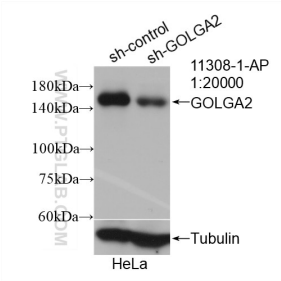
Lagerung

Lagerungsbedingungen:
Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil
Lagerungspuffer:
PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.
Aliquotieren ist nicht notwendig bei -20°C lagerung

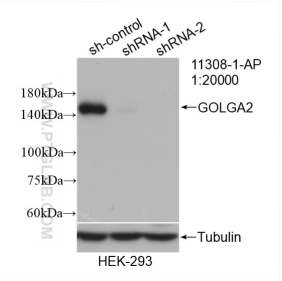
*** 20ul-Größen enthalten 0.1% BSA

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

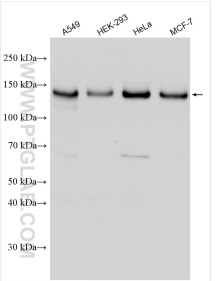
Ausgewählte Validierungsdaten



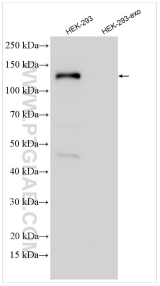
WB result of GOLGA2/GM130 antibody (11308-1-AP; 1:20000; incubated at room temperature for 1.5 hours) with sh-Control and sh-GOLGA2/GM130 transfected HeLa cells.



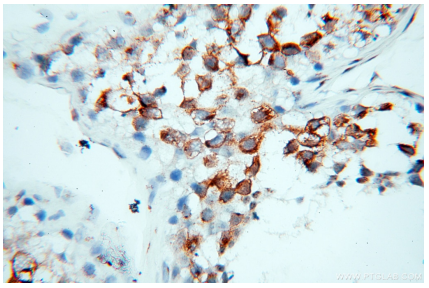
WB result of GOLGA2/GM130 antibody (11308-1-AP; 1:20000; incubated at room temperature for 1.5 hours) with sh-Control and sh-GOLGA2/GM130 transfected HEK-293 cells.



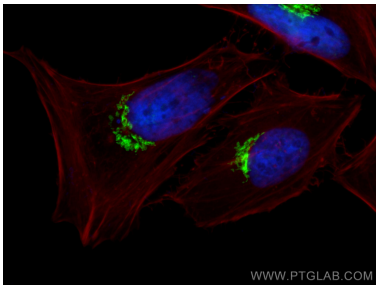
Various lysates were subjected to SDS PAGE followed by western blot with 11308-1-AP (GOLGA2/GM130 antibody) at dilution of 1:15000 incubated at room temperature for 1.5 hours.



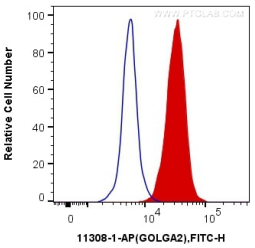
HEK-293 cells and HEK-293-derived exosomes (HEK-293-exo) were subjected to SDS PAGE followed by western blot with 11308-1-AP (GOLGA2/GM130 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human testis using 11308-1-AP (GOLGA2,GM130 antibody) at dilution of 1:100 (under 40x lens).



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using GOLGA2/GM130 antibody (11308-1-AP) at dilution of 1:200 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L), CL594-Phalloidin (red).



1X10^6 HEK-293 cells were intracellularly stained with 0.4 ug Anti-Human GOLGA2/GM130 (11308-1-AP) and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) at dilution 1:1000 (red), or 0.4 ug Control Antibody. Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).