À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-GOLGA2/GM130

proteintech®
Antibodies | ELISA kits | Proteins
www.ptglab.com

Numéro de catalogue:11308-1-AP Phare 94 Publications

Informations de base

Numéro de catalogue:
11308-1-AP

Taille:
150ul , Concentration: 600 μg/ml by Nanodrop;

Hôte:
Lapin

Isotype:
IgG

Immunogen Catalog Number:
AG1848

Numéro d'acquisition GenBank:
BC014188

Identification du gène (NCBI):
2801

Nom complet:
golgi autoantigen, golgin subfamily a, 2

MW calculé
111 kDa

MW observés:
130 kDa

Méthode de purification:
Purification par affinité contre l'antigène

Dilutions recommandées:
WB 1:5000-1:50000
IHC 1:50-1:200
IF 1:50-1:500

Applications

Applications testées:
FC, IF, IHC, WB, ELISA

Demandes citées:
IF, IHC, WB

Spécificité de l'espèce:
canin, Humain

Espèces citées:
Humain, singe, Hamster

Remarque-IHC: il est suggéré de démasquer l'antigène avec un tampon de TE buffer pH 9.0; (*) À défaut, 'le démasquage de l'antigène peut être 'effectué avec un tampon citrate pH 6,0.

Contrôles positifs:

WB : cellules A549, cellules HEK-293, cellules HeLa, cellules MCF-7, tissu splénique humain

IHC : tissu testiculaire humain,

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

Informations générales

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)

Publications notables

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

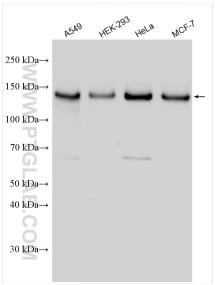
Stockage

Stockage:
Stocker à -20°C. Stable pendant un an après l'expédition.
Tampon de stockage:
PBS avec azoture de sodium à 0,02 % et glycérol à 50 % pH 7,3
L'aliquotage n'est pas nécessaire pour le stockage à -20C

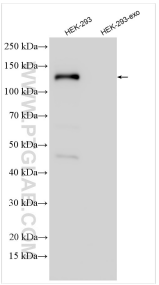
***** Les 20ul contiennent 0,1% de BSA.**

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

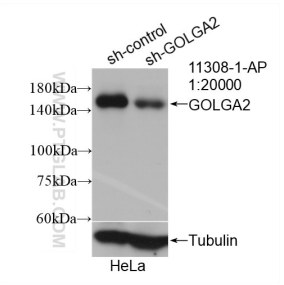
Données de validation sélectionnées



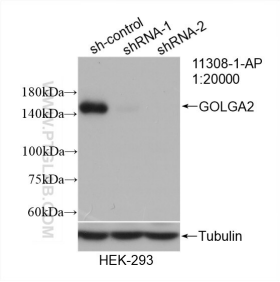
Various lysates were subjected to SDS PAGE followed by western blot with 11308-1-AP (GOLGA2/GM130 antibody) at dilution of 1:15000 incubated at room temperature for 1.5 hours.



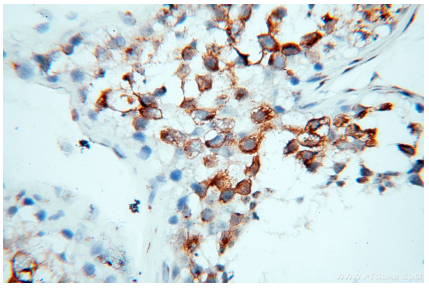
HEK-293 cells and HEK-293-derived exosomes (HEK-293-exo) were subjected to SDS PAGE followed by western blot with 11308-1-AP (GOLGA2/GM130 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



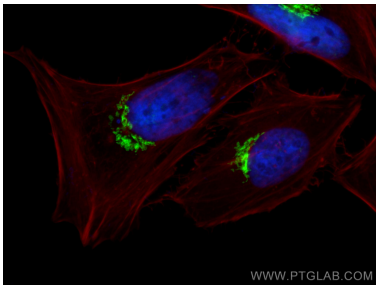
WB result of GOLGA2/GM130 antibody (11308-1-AP; 1:20000; incubated at room temperature for 1.5 hours) with sh-Control and sh-GOLGA2/GM130 transfected HeLa cells.



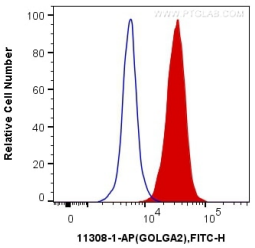
WB result of GOLGA2/GM130 antibody (11308-1-AP; 1:20000; incubated at room temperature for 1.5 hours) with sh-Control and sh-GOLGA2/GM130 transfected HEK-293 cells.



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).