

For Research Use Only

GOLIM4 Polyclonal antibody

Catalog Number: 31083-1-AP



Basic Information

Catalog Number: 31083-1-AP	GenBank Accession Number: NM_014498	Purification Method: Antigen affinity Purification
Size: 600 ug/ml	GeneID (NCBI): 27333	Recommended Dilutions: WB 1:5000-1:50000 IHC 1:1000-1:4000 IF/ICC 1:300-1:1200
Source: Rabbit	UNIPROT ID: O00461	
Isotype: IgG	Full Name: golgi integral membrane protein 4	
Immunogen Catalog Number: AG34962	Calculated MW: 82 kDa Observed MW: 130 kDa	

Applications

Tested Applications:
WB, IHC, IF/ICC, ELISA

Species Specificity:
human

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:

WB : HEK-293 cells, HeLa cells, HepG2 cells

IHC : human intrahepatic cholangiocarcinoma tissue,

IF/ICC : HeLa cells,

Background Information

Golgi integral membrane protein 4 (GOLIM4) is a 130-kDa membrane protein that is integrated into the cis/medial Golgi apparatus, which is a kind II Golgi protein. GOLIM4 is a Golgi protein that circulates between Golgi apparatus and endosomes, and its shuttle is pH sensitive (PMID:30068697).

Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

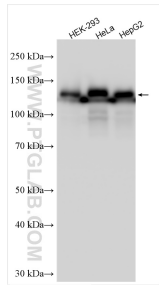
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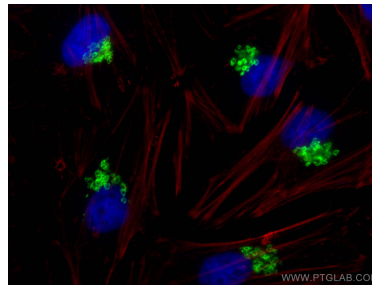
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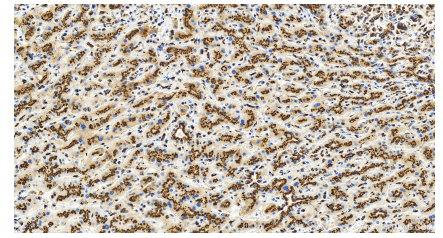
Selected Validation Data



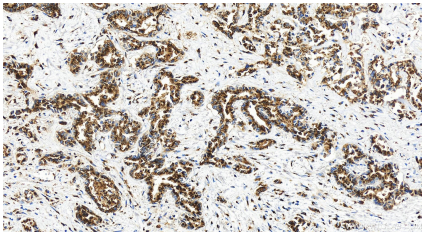
Various lysates were subjected to SDS PAGE followed by western blot with 31083-1-AP (GOLIM4 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using GOLIM4 antibody (31083-1-AP) at dilution of 1:600 and CoraLite@488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) (SA00013-2), CL594-phalloidin (red).



Immunohistochemical analysis of paraffin-embedded human intrahepatic cholangiocarcinoma tissue slide using 31083-1-AP (GOLIM4 antibody) at dilution of 1:2000 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human intrahepatic cholangiocarcinoma tissue slide using 31083-1-AP (GOLIM4 antibody) at dilution of 1:2000 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).