

For Research Use Only

GLG1 Polyclonal antibody, PBS Only

Catalog Number: 34250-1-PBS



Basic Information

Catalog Number:

34250-1-PBS

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG41864

GenBank Accession Number:

BC060822

GeneID (NCBI):

2734

UNIPROT ID:

Q92896

Full Name:

golgi apparatus protein 1

Calculated MW:

135 kDa

Observed MW:

150 kDa

Purification Method:

Antigen affinity Purification

Applications

Tested Applications:

WB, IHC, FC (Intra), Indirect ELISA

Species Specificity:

human, mouse, rat

Background Information

Golgi apparatus protein 1 (GLG1) is also named CFR1, E-selectin ligand 1 (ESL-1) and MG160. GLG1 is a 150-160 kDa membrane sialoglycoprotein, originally isolated from the Golgi apparatus of rat neurons. Two homologs, the chicken cysteine-rich fibroblast growth factor receptor (CFR) and ESL-1, were identified in embryonic chick and murine myeloid cells, respectively (PMID: 35543162). GLG1 was originally identified as an FGF2 receptor, found in the Golgi complex (PMID: 7531823). GLG1, a non-tyrosine kinase FGF receptor, is also regulated by RNA splicing (PMID: 7768993). GLG1 was found due to its significant upregulation in GC and correlation with advanced stages and lymph node metastases (PMID: 41287415).

Storage

Storage:

Store at -80°C.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:

PBS only, pH7.3

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

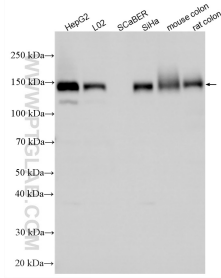
T: 4006900926

E: Proteintech-CN@ptglab.com

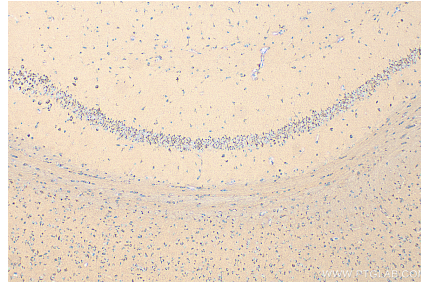
W: ptgcn.com

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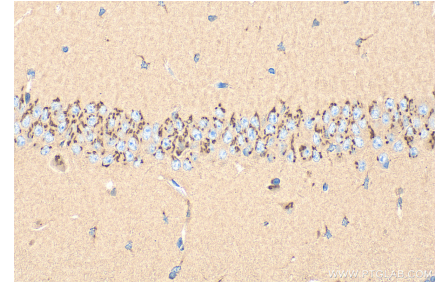
Selected Validation Data



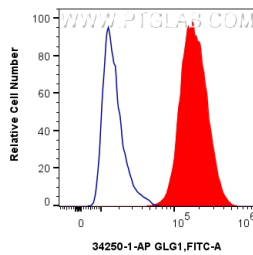
Various lysates were subjected to SDS PAGE followed by western blot with 34250-1-AP (GLG1 antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 34250-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 34250-1-AP (GLG1 antibody) at dilution of 1:400 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 34250-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 34250-1-AP (GLG1 antibody) at dilution of 1:400 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 34250-1-PBS in a different storage buffer formulation.



1×10^6 HepG2 cells were intracellularly stained with 0.5 ug GLG1 Polyclonal antibody (34250-1-AP) and CoraLite@488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2)(red), or 0.5 ug Isotype Control (blue). Cells were fixed and permeabilized with Intracellular Flow Cytometry Fixation & Permeabilization Buffer Kit (PF00019). This data was developed using the same antibody clone with 34250-1-PBS in a different storage buffer formulation.