

For Research Use Only

COG5 Polyclonal antibody, PBS Only

Catalog Number:31380-1-PBS



Basic Information

Catalog Number:

31380-1-PBS

Concentration:

1 mg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG35394

GenBank Accession Number:

NM_181733.2

GeneID (NCBI):

10466

UNIPROT ID:

Q9UP83

Full Name:

component of oligomeric golgi complex 5

Calculated MW:

93kDa, 839aa

Observed MW:

87-93 kDa

Purification Method:

Antigen affinity Purification

Applications

Tested Applications:

WB, Indirect ELISA

Species Specificity:

human, mouse, rat

Background Information

COG5 (Component Of Oligomeric Golgi Complex 5) is part of an eight-subunit Golgi-resident protein referred to as the conserved oligomeric golgi (COG) complex, which facilitates retrograde Golgi trafficking of vesicles that may include necessary glycosylation enzymes (PMID: 33277529). COG5 knockdown led to marked increases indicative of aberrant glycosylation (PMID: 25331899). The 92- and 87-kDa polypeptides could also be alternatively spliced isoforms of GTC-90 (PMID: 9792665)

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:

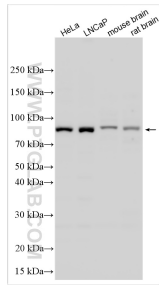
T: 4006900926

E: Proteintech-CN@ptglab.com

W: ptgcn.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 31380-1-AP (COG5 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 31380-1-PBS in a different storage buffer formulation.