

For Research Use Only

COG5 Polyclonal antibody, PBS Only

Catalog Number: 31380-1-PBS



Basic Information

Catalog Number:

31380-1-PBS

Size:

100ug, Concentration: 1 mg/ml by Nanodrop;

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.

Storage Buffer:

PBS only, pH7.3

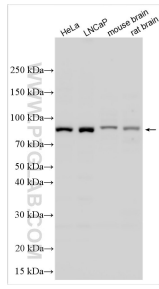
For technical support and original validation data for this product please contact:

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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.