

For Research Use Only

COG5 Polyclonal antibody

Catalog Number:31380-1-AP



Basic Information

Catalog Number:

31380-1-AP

Concentration:

200 µg/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

Recommended Dilutions:

WB: 1:500-1:2000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human, mouse, rat

Positive Controls:

WB : HeLa cells, LNCaP cells, mouse brain tissue, rat brain tissue

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 -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

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

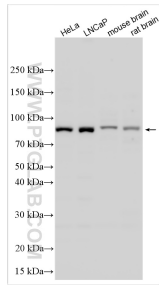
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Selected Validation Data



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.