

For Research Use Only

GOLGA4 Polyclonal antibody

Catalog Number: 55207-1-AP



Basic Information

Catalog Number:

55207-1-AP

Size:

1100 ug/ml

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

NM_002078

GeneID (NCBI):

2803

UNIPROT ID:

Q13439

Full Name:

golgi autoantigen, golgin subfamily
a, 4

Calculated MW:

161 kDa

Observed MW:

260-270 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:3000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human, mouse

Positive Controls:

WB : T-47D cells, U-118 MG cells, Neuro-2a cells

Background Information

GOLGA4, also known as Golgi matrix protein, is a member of the Golgin family and is mainly localized in the Golgi apparatus. It is involved in vesicle transport at the Golgi level and may play a role in the transport of GPI-anchored proteins from the Golgi network. GOLGA4 is expressed in a variety of tissues, especially in the testis, but its specific function in spermatogenesis and male fertility is not fully understood. Studies have shown that GOLGA4 knockout male mice are still fertile, and the testis and sperm morphology are normal, indicating that GOLGA4 is not essential for mouse spermatogenesis and male fertility (PMID: 32736686).

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:

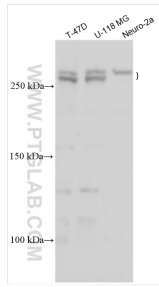
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 55207-1-AP (GOLGA4 antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours.