

For Research Use Only

GALNT6 Polyclonal antibody

Catalog Number: 13671-1-AP



Basic Information

Catalog Number:

13671-1-AP

Size:

550 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG4652

GenBank Accession Number:

BC035822

GeneID (NCBI):

11226

UNIPROT ID:

Q8NCL4

Full Name:

UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-acetylgalactosaminyltransferase 6 (GalNAc-T6)

Calculated MW:

622 aa, 71 kDa

Observed MW:

71 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:2000-1:12000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human

Positive Controls:

WB: A431 cells, MCF-7 cells, T-47D cells

Background Information

GALNT6 (polypeptide N-acetylgalactosaminyltransferase 6, GalNAc-T6), which is involved in the initiation of O-glycosylation, has been reported to play crucial roles in mammary carcinogenesis through binding to several substrates (PMID: 32393740). GALNT6 is upregulated in breast, ovarian, renal cell, lung and pancreatic cancers (PMID: 20215525). Overexpression of GRP78 could enhance Golgi-to-ER relocation of GALNT6 (PMID: 28110670).

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:

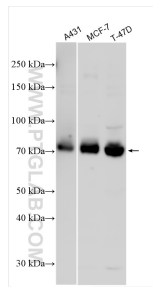
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 13671-1-AP (GALNT6 antibody) at dilution of 1:6000 incubated at room temperature for 1.5 hours.