

For Research Use Only

GALNT6 Polyclonal antibody

Catalog Number: 13671-1-AP



Basic Information

Catalog Number: 13671-1-AP	GenBank Accession Number: BC035822	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 550 ug/ml by Nanodrop;	GeneID (NCBI): 11226	Recommended Dilutions: WB 1:2000-1:12000 IF/ICC 1:200-1:800
Source: Rabbit	UNIPROT ID: Q8NCL4	
Isotype: IgG	Full Name: UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-acetylglucosaminyltransferase 6 (GalNAc-T6)	
Immunogen Catalog Number: AG4652	Calculated MW: 622 aa, 71 kDa	
	Observed MW: 71 kDa	

Applications

Tested Applications: WB, IF/ICC, ELISA	Positive Controls:
Species Specificity: human	WB : A431 cells, MCF-7 cells, T-47D cells IF/ICC : A431 cells,

Background Information

GALNT6 (polypeptide N-acetylglucosaminyltransferase 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

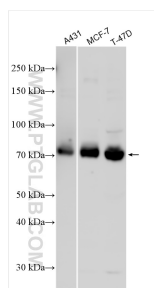
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

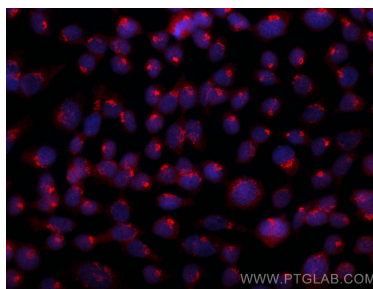
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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 13671-1-AP (GALNT6 antibody) at dilution of 1:6000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (-20°C Methanol) fixed A431 cells using GALNT6 antibody (13671-1-AP) at dilution of 1:400 and CoraLite® 594-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-4).