

For Research Use Only

SLC35A3 Polyclonal antibody

Catalog Number: 26874-1-AP **1 Publications**



Basic Information

Catalog Number: 26874-1-AP	GenBank Accession Number: BC005136	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 260 µg/ml by Nanodrop and 200 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 23443	Recommended Dilutions: WB 1:500-1:2000
Source: Rabbit	UNIPROT ID: Q9Y2D2	
Isotype: IgG	Full Name: solute carrier family 35 (UDP-N-acetylglucosamine (UDP-GlcNAc) transporter), member A3	
Immunogen Catalog Number: AG25468	Calculated MW: 325 aa, 36 kDa	
	Observed MW: 32-36 and 41 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : HeLa cells, HEK-293 cells, HepG2 cells, LNCaP cells
Cited Applications: WB	
Species Specificity: human	
Cited Species: human	

Background Information

SLC35A3, also named as UDP-N-acetylglucosamine transporter(NGT), is located to the Golgi apparatus. SLC35A3 can form heterologous complexes with SLC35A2(UGT) and Mgats in the Golgi membrane which may promote biosynthesis of complex N-glycans. It has been reported that the mutation of SLC35A3 is associated with skeletal dysplasia and epilepsies which could result from impaired glycosylation of proteins. SLC35A3 has some isoforms with 32-36 kDa and 41 kDa.(PMID: 25944901, 28777481 , 16344554, 23583405)

Notable Publications

Author	Pubmed ID	Journal	Application
Shuai Lu	38172565	Sci Rep	WB

Storage

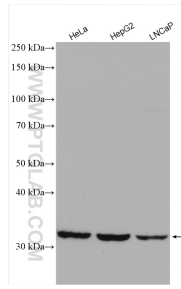
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 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 26874-1-AP (SLC35A3 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.