

For Research Use Only

SLC35A3 Polyclonal antibody

Catalog Number: 26874-1-AP



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	Full Name: solute carrier family 35 (UDP-N-acetylglucosamine (UDP-GlcNAc) transporter), member A3	
Isotype: IgG	Calculated MW: 325 aa, 36 kDa	
Immunogen Catalog Number: AG25468	Observed MW: 32-36 and 41 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : HeLa cells, HEK-293 cells, HepG2 cells, LNCap cells
Species Specificity: 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)

Storage

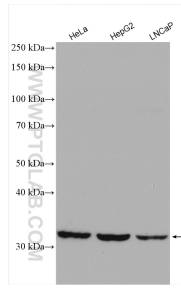
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 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)
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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.