

For Research Use Only

SLC38A9 Polyclonal antibody

Catalog Number: 21871-1-AP



Basic Information

Catalog Number: 21871-1-AP	GenBank Accession Number: BC101362	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 550 µg/ml by Nanodrop;	GeneID (NCBI): 153129	Recommended Dilutions: WB 1:500-1:3000 IF 1:50-1:500
Source: Rabbit	Full Name: solute carrier family 38, member 9	
Isotype: IgG	Calculated MW: 561 aa, 64 kDa	
Immunogen Catalog Number: AG16174	Observed MW: 50-55 kDa	

Applications

Tested Applications: IF, WB, ELISA	Positive Controls:
Species Specificity: Human, Mouse	WB : mouse pancreas tissue, IF : mouse brain tissue,

Background Information

The mTOR complex 1 (mTORC1) protein kinase is a master growth regulator that responds to multiple environmental cues. The lysosomal amino acid transporter SLC38A9 is a physical and functional component of this sensing complex. SLC38A9 (Solute Carrier Family 38 Member 9) was first identified as a potential amino acid transporter belonging to the slc38 family. SLC38A9 has some isoforms: 64,53,57 kDa.

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

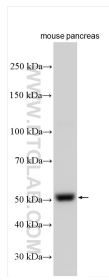
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

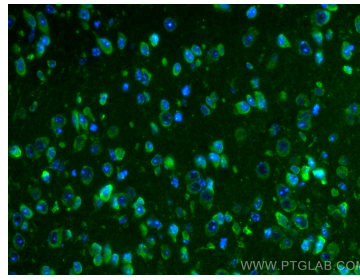
E: proteintech@ptglab.com
W: ptglab.com

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

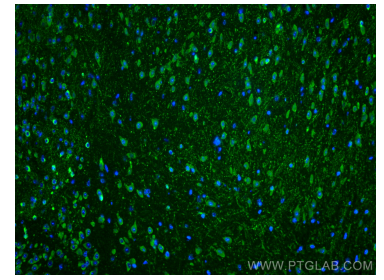
Selected Validation Data



mouse pancreas tissue were subjected to SDS PAGE followed by western blot with 21871-1-AP (SLC38A9 antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (4% PFA) fixed mouse brain tissue using SLC38A9 antibody (21871-1-AP) at dilution of 1:200 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



Immunofluorescent analysis of (4% PFA) fixed mouse brain tissue using SLC38A9 antibody (21871-1-AP) at dilution of 1:200 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).