

STX3 Monoclonal antibody

Catalog Number: 66760-1-Ig

Basic Information

Catalog Number: 66760-1-Ig	GenBank Accession Number: BC007405	Purification Method: Protein G purification
Size: 150ul , Concentration: 1800 µg/ml by Nanodrop and 1000 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 6809	CloneNo.: 1B9C7
Source: Mouse	Full Name: syntaxin 3	Recommended Dilutions: WB 1:1000-1:6000 IHC 1:150-1:600
Isotype: IgG1	Calculated MW: 33 kDa	
Immunogen Catalog Number: AG7805	Observed MW: 35 kDa	

Applications

Tested Applications: IHC, WB, ELISA	Positive Controls:
Species Specificity: Human, rat	WB : HEK-293 cells, HSC-T6 cells, rat brain tissue, SH-SY5Y cells, NIH/3T3 cell, RAW 264.7 cell, HepG2 cells
Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0	IHC : human kidney tissue,

Background Information

Syntaxin-3 (also known as STX3) is a member of the syntaxin. Syntaxin-3 is a significant apical targeting protein in the epithelial membrane and in exocytosis process; it also acts as a vesicle transporter by cellular receptor in neutrophils, which is crucial for protein trafficking event (PMID: 25630102). It has been reported that syntaxin-3 has an important role in the growth of neurites, and serves as a direct target for omega-6 arachidonic acid (PMID: 1659826).

Storage

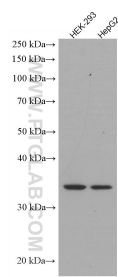
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

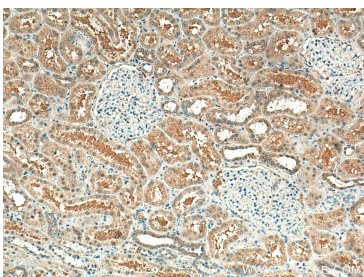
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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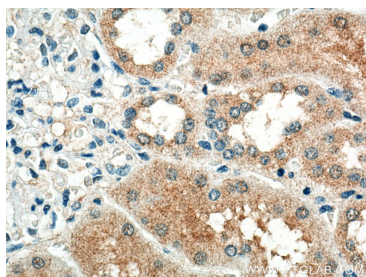
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 66760-1-Ig (STX3 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human kidney tissue slide using 66760-1-Ig (STX3 antibody) at dilution of 1:300 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human kidney tissue slide using 66760-1-Ig (STX3 antibody) at dilution of 1:300 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).