

For Research Use Only

STX3 Monoclonal antibody

Catalog Number: 66760-1-Ig **1 Publications**



Basic Information

Catalog Number: 66760-1-Ig	GenBank Accession Number: BC007405	Purification Method: Protein G purification
Size: 1800 µg/ml	GeneID (NCBI): 6809	CloneNo.: 1B9C7
Source: Mouse	UNIPROT ID: Q13277	Recommended Dilutions: WB 1:1000-1:6000 IHC 1:150-1:600
Isotype: IgG1	Full Name: syntaxin 3	
Immunogen Catalog Number: AG7805	Calculated MW: 33 kDa	
	Observed MW: 35 kDa	

Applications

Tested Applications:
IHC, WB, ELISA

Cited Applications:
WB, IHC

Species Specificity:
Human, rat, mouse

Cited Species:
human

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:

WB : HEK-293 cells, HSC-T6 cells, rat brain tissue, SH-SY5Y cells, NIH/3T3 cell, RAW 264.7 cell, HepG2 cells

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).

Notable Publications

Author	Pubmed ID	Journal	Application
Takahiro Shinozuka	38014487	Cancer Med	IHC,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

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

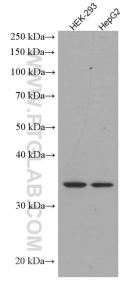
T: 4006900926

E: Proteintech-CN@ptglab.com

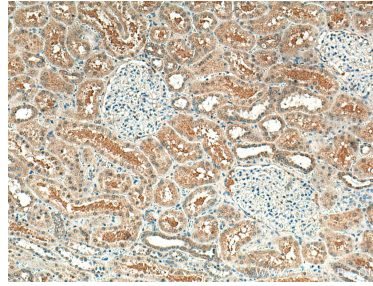
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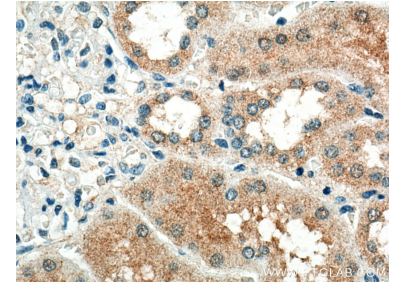
Selected Validation Data



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).