

For Research Use Only

# STX3 Monoclonal antibody, PBS Only

Catalog Number: 66760-1-PBS



## Basic Information

<b>Catalog Number:</b> 66760-1-PBS	<b>GenBank Accession Number:</b> BC007405	<b>Purification Method:</b> Protein G purification
<b>Size:</b> 100ug , Concentration: 1 mg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 6809	<b>CloneNo.:</b> 1B9C7
<b>Source:</b> Mouse	<b>UNIPROT ID:</b> Q13277	
<b>Isotype:</b> IgG1	<b>Full Name:</b> syntaxin 3	
<b>Immunogen Catalog Number:</b> AG7805	<b>Calculated MW:</b> 33 kDa	
	<b>Observed MW:</b> 35 kDa	

## Applications

**Tested Applications:**  
WB, IHC, Indirect ELISA

**Species Specificity:**  
Human, rat, mouse

## 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 -80°C.

**Storage Buffer:**  
PBS Only

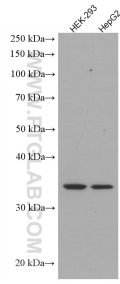
For technical support and original validation data for this product please contact:

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

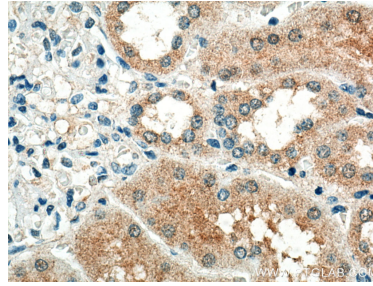
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
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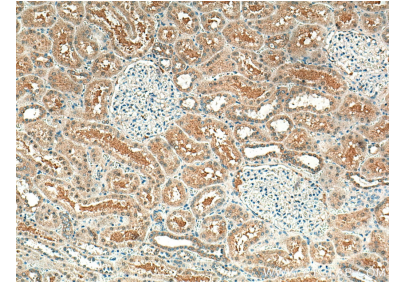
## Selected Validation Data



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. This data was developed using the same antibody clone with 66760-1-PBS in a different storage buffer formulation.



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). This data was developed using the same antibody clone with 66760-1-PBS in a different storage buffer formulation.



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). This data was developed using the same antibody clone with 66760-1-PBS in a different storage buffer formulation.