

# STX3 Monoclonal antibody, PBS Only

Catalog Number: 66760-1-PBS

## Basic Information

**Catalog Number:**

66760-1-PBS

**Size:**

1 mg/ml

**Source:**

Mouse

**Isotype:**

IgG1

**Immunogen Catalog Number:**

AG7805

**GenBank Accession Number:**

BC007405

**GeneID (NCBI):**

6809

**UNIPROT ID:**

Q13277

**Full Name:**

syntaxin 3

**Calculated MW:**

33 kDa

**Observed MW:**

35 kDa

**Purification Method:**

Protein G purification

**CloneNo.:**

1B9C7

## Applications

**Tested Applications:**

WB, Indirect ELISA, IHC

**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:**

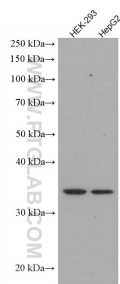
Store at -80°C.

**The product is shipped with ice packs. Upon receipt, store it immediately at -80°C**

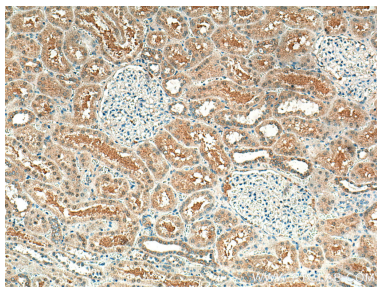
**Storage Buffer:**

PBS Only

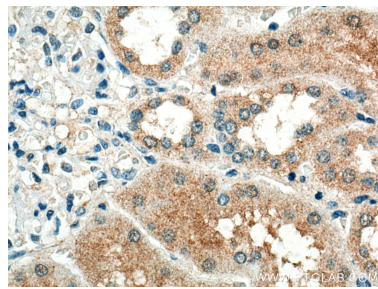
## Selected Validation Data



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 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.



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.