

For Research Use Only

# STXBP2 Monoclonal antibody, PBS Only

Catalog Number: 66238-1-PBS



## Basic Information

<b>Catalog Number:</b> 66238-1-PBS	<b>GenBank Accession Number:</b> BC002869	<b>Purification Method:</b> Protein G purification
<b>Size:</b> 100ug , Concentration: 1 mg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 6813	<b>CloneNo.:</b> 3G3A12
<b>Source:</b> Mouse	<b>UNIPROT ID:</b> Q15833	
<b>Isotype:</b> IgG1	<b>Full Name:</b> syntaxin binding protein 2	
<b>Immunogen Catalog Number:</b> AG7640	<b>Calculated MW:</b> 593 aa, 66 kDa	
	<b>Observed MW:</b> 66 kDa	

## Applications

**Tested Applications:**  
WB, IHC, IF/ICC, IP, Indirect ELISA

**Species Specificity:**  
human, mouse

## Background Information

Syntaxin-binding protein 2 (STXBP2, also known as Unc18-2) belongs to the STXBP/unc-18/SEC1 family. STXBP2 is involved in intracellular trafficking, control of SNARE (soluble NSF attachment protein receptor) complex assembly, and the release of cytotoxic granules by natural killer cells. Mutations in the STXBP2 gene are associated with familial hemophagocytic lymphohistiocytosis.

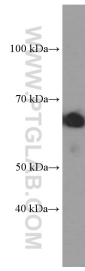
## Storage

**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  
W: ptglab.com

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

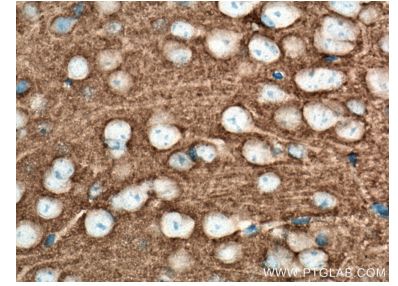
## Selected Validation Data



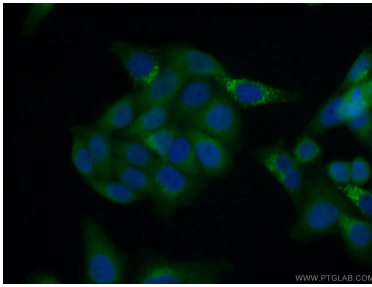
K-562 cells were subjected to SDS PAGE followed by western blot with 66238-1-Ig (STXBP2 Antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 66238-1-PBS in a different storage buffer formulation.



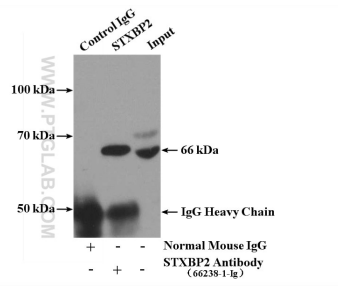
Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 66238-1-Ig (STXBP2 antibody) at dilution of 1:1000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 66238-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 66238-1-Ig (STXBP2 antibody) at dilution of 1:1000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 66238-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (10% Formaldehyde ) fixed HepG2 cells using 66238-1-Ig(STXBP2 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated Goat Anti-Mouse IgG(H+L). This data was developed using the same antibody clone with 66238-1-PBS in a different storage buffer formulation.



IP result of anti-STXBP2 (IP:66238-1-Ig, 5ug; Detection:66238-1-Ig 1:2000) with K-562 cells lysate 3200ug. This data was developed using the same antibody clone with 66238-1-PBS in a different storage buffer formulation.