

STX17 Recombinant antibody, PBS Only

Catalog Number: 81899-1-PBS

Basic Information

Catalog Number: 81899-1-PBS	GenBank Accession Number: BC111009	Purification Method: Protein A purification
Size: 1mg/ml	GeneID (NCBI): 55014	CloneNo.: 4G3
Source: Rabbit	UNIPROT ID: P56962	
Isotype: IgG	Full Name: syntaxin 17	
Immunogen Catalog Number: AG12134	Calculated MW: 302 aa, 33 kDa	
	Observed MW: 33-35 kD	

Applications

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

Species Specificity:
human, mouse, rat

Background Information

SNAREs, soluble N-ethylmaleimide-sensitive factor-attachment protein receptors, are essential proteins for fusion of cellular membranes. Syntaxin 17 (STX17) is a SNARE of the autophagosome involved in autophagy through the direct control of autophagosome membrane fusion with the lysosome membrane. STX17 may also play a role in the early secretory pathway where it may maintain the architecture of the endoplasmic reticulum-Golgi intermediate compartment/ERGIC and Golgi and/or regulate transport between the endoplasmic reticulum, the ERGIC and the Golgi.

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

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

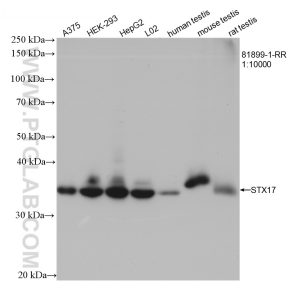
T: 4006900926

E: Proteintech-CN@ptglab.com

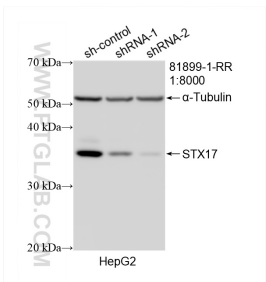
W: ptgcn.com

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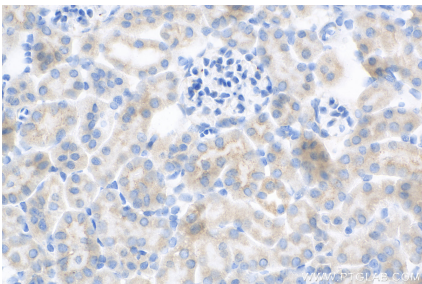
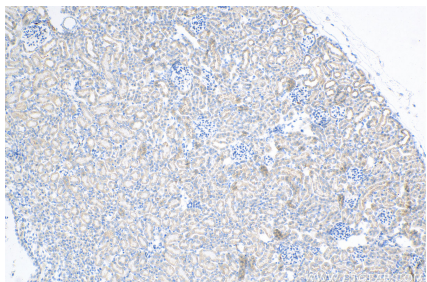
Selected Validation Data



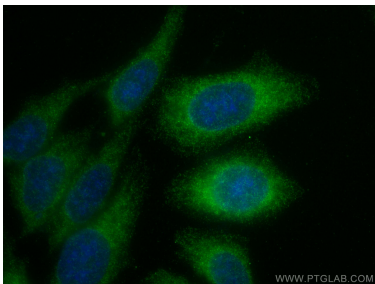
Various lysates were subjected to SDS PAGE followed by western blot with 81899-1-RR (STX17 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 81899-1-PBS in a different storage buffer formulation.



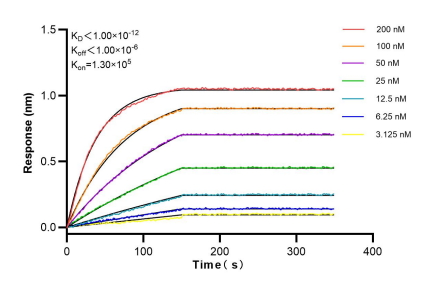
WB result of STX17 antibody (81899-1-RR; 1:8000; incubated at room temperature for 1.5 hours) with sh-Control and sh-STX17 transfected HepG2 cells. This data was developed using the same antibody clone with 81899-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded mouse kidney tissue slide using 81899-1-RR (STX17 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 81899-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (-20°C Methanol) fixed HepG2 cells using STX17 antibody (81899-1-RR, Clone: 4G3) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L). This data was developed using the same antibody clone with 81899-1-PBS in a different storage buffer formulation.



Bilayer interferometry (BLI) kinetic assays of 81899-1-RR against Human STX17 were performed. The affinity constant is below 1 pM.