

For Research Use Only

STX17 Recombinant antibody

Catalog Number: 81899-1-RR



Basic Information

Catalog Number: 81899-1-RR	GenBank Accession Number: BC111009	Purification Method: Protein A purification
Size: 1000 µg/ml	GeneID (NCBI): 55014	CloneNo.: 4G3
Source: Rabbit	UNIPROT ID: P56962	Recommended Dilutions: WB 1:5000-1:50000 IF 1:200-1:800
Isotype: IgG	Full Name: syntaxin 17	
Immunogen Catalog Number: AG12134	Calculated MW: 302 aa, 33 kDa	
	Observed MW: 33-35 kD	

Applications

Tested Applications:
IF/ICC, WB, ELISA

Species Specificity:
Human, Mouse, Rat

Positive Controls:

WB : human testis tissue, A375 cells, HEK-293 cells, HepG2 cells, L02 cells, mouse testis tissue, rat testis tissue

IF : HepG2 cells,

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 -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:

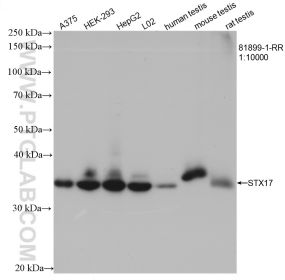
T: 4006900926

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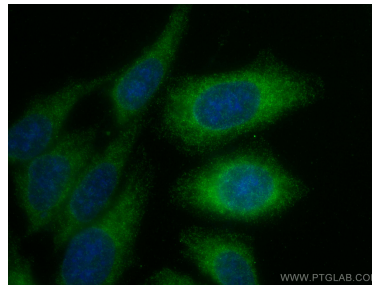
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Selected Validation Data



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.



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).