

For Research Use Only

GABARAPL1 Recombinant antibody, PBS Only

Catalog Number: 83817-1-PBS



Basic Information

Catalog Number: 83817-1-PBS	GenBank Accession Number: BC009309	Purification Method: Protein A purification
Size: 100ug, Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 23710	CloneNo.: 240533F5
Source: Rabbit	UNIPROT ID: Q9HOR8	
Isotype: IgG	Full Name: GABA(A) receptor-associated protein like 1	
Immunogen Catalog Number: AG1473	Calculated MW: 14 kDa	
	Observed MW: 16 kDa	

Applications

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

Species Specificity:
human, mouse, rat

Background Information

GABARAPL1 (GABARAP-like protein 1), also named ATG8, GEC1, APG8L, ATG8L, and APG8-LIKE, is a member of the GABARP (GABAA receptor-associated protein) family. GABARAPL1 was initially identified as an estrogen-regulated gene and the protein acts in receptor and vesicle transport. It's also involved in the process of autophagy like GABARAP and GABARAPL2 and may be considered as an autophagic marker. It is expressed at very high levels in the brain, heart, peripheral blood leukocytes, liver, kidney, placenta, and skeletal muscle and at very low levels in the thymus and small intestine.

Storage

Storage:
Store at -80°C.

Storage Buffer:
PBS only

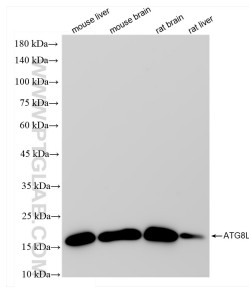
For technical support and original validation data for this product please contact:

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

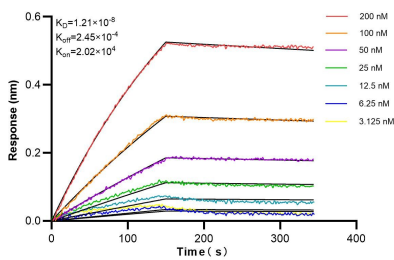
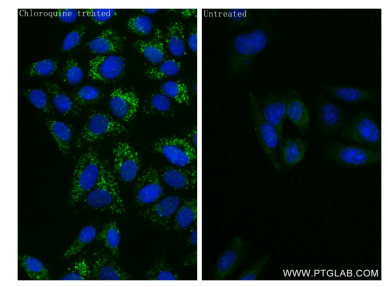
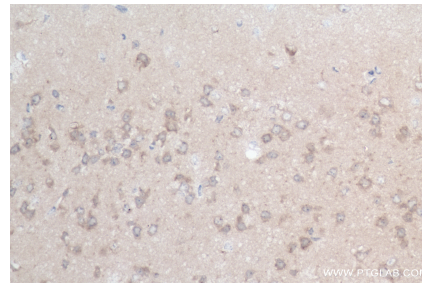
E: proteintech@ptglab.com
W: ptglab.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 83817-1-RR (ATG8L antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 83817-1-PBS in a different storage buffer formulation.



Bi-layer interferometry (BLI) kinetic assays of 83817-1-RR against Human GABARAPL1 were performed. The affinity constant is 12.1 nM.