

For Research Use Only



CoraLite® Plus 488-conjugated GABARAPL1-Specific Polyclonal antibody

Catalog Number: **CL488-11010**

Featured Product

Basic Information

Catalog Number: CL488-11010	GenBank Accession Number: BC009309	Purification Method: Antigen Affinity Purified
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 23710	Recommended Dilutions: IF 1:50-1:500
Source: Rabbit	Full Name: GABA(A) receptor-associated protein like 1	
Isotype: IgG	Calculated MW: 14 kDa	
Immunogen Catalog Number: AG1473	Observed MW: 16 kDa	

Applications

Tested Applications: IF	Positive Controls: IF : Chloroquine treated HepG2 cells,
Species Specificity: human, mouse, rat	

Background Information

GABARAPL1 (GABARAP-like protein 1), also named as ATG8, GEC1, APG8L, ATG8L and APG8-LIKE, is a member of GABARP (GABAA receptor-associated protein) family. GABARAPL1 was initially identified as 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 thymus and small intestine. The antibody is specific to GABARAPL1, and it doesn't recognize the recombinant GABARAP and GABARAPL2.

Storage

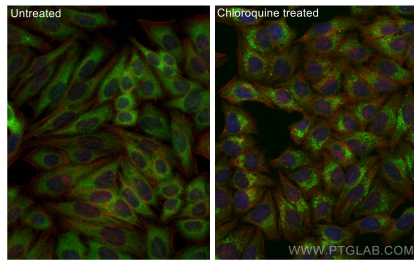
Storage:
Store at -20°C. Avoid exposure to light. Stable for one year after shipment.
Storage Buffer:
PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

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



Immunofluorescent analysis of (-20°C Ethanol) fixed Chloroquine treated HepG2 cells using CoraLite® Plus 488 GABARAPL1-Specific antibody (CL488-11010) at dilution of 1:200, CL594-Phalloidin (red).