

For Research Use Only

CoraLite® Plus 488-conjugated GABARAPL1 Recombinant antibody

Catalog Number: CL488-83817



Basic Information

Catalog Number:

CL488-83817

Concentration:

1000 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG1473

GenBank Accession Number:

BC009309

GeneID (NCBI):

23710

UNIPROT ID:

Q9HOR8

Full Name:

GABA(A) receptor-associated protein
like 1

Calculated MW:

14 kDa

Observed MW:

16 kDa

Purification Method:

Protein A purification

CloneNo.:

240533F5

Recommended Dilutions:

IF/ICC: 1:50-1:500

Excitation/Emission maxima
wavelengths:

493 nm / 522 nm

Applications

Tested Applications:

IF/ICC

Species Specificity:

human, mouse, rat

Positive Controls:

IF/ICC : Chloroquine treated HepG2 cells,

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 -20°C. Avoid exposure to light. Stable for one year after shipment.

Storage Buffer:

PBS with 50% glycerol, 0.05% Proclin300, 0.5% BSA, pH7.3

Aliquoting is unnecessary for -20°C storage

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

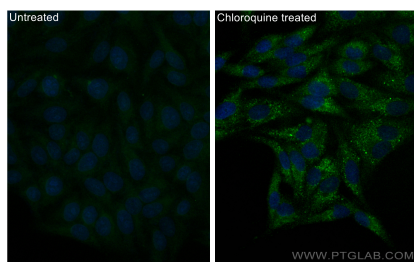
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Immunofluorescent analysis of (-20°C Ethanol) fixed Chloroquine treated HepG2 cells using CoraLite® Plus 488 GABARAPL1 antibody (CL488-83817, Clone: 240533F5) at dilution of 1:200.