

For Research Use Only

CoraLite®594-conjugated GABARAPL1 Monoclonal antibody



Catalog Number:CL594-66458

Basic Information

Catalog Number:

CL594-66458

Size:

1000 µg/ml

Source:

Mouse

Isotype:

IgG1

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:

16-18 kDa

Purification Method:

Protein G purification

CloneNo.:

1E10F6

Recommended Dilutions:

IF 1:50-1:500

Excitation/Emission maxima

wavelengths:

588 nm / 604 nm

Applications

Tested Applications:

IF/ICC

Species Specificity:

human, mouse, rat, pig

Positive Controls:

IF : HepG2 cells,

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.

Storage

Storage:

Store at -20°C. Avoid exposure to light.

Storage Buffer:

PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.

Aliquoting is unnecessary for -20°C storage

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

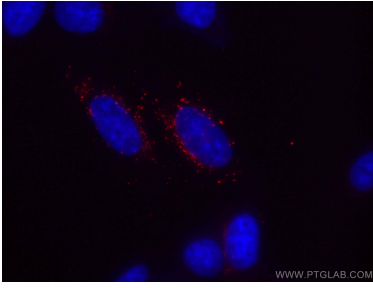
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Immunofluorescent analysis of (-20°C Ethanol) fixed HepG2 cells using CoraLite®594 GABARAPL1 antibody (CL594-66458, Clone: 1E10F6) at dilution of 1:200. DAPI (blue).