

For Research Use Only

GABARAP Recombinant monoclonal antibody, PBS Only

Catalog Number: 86165-3-PBS



Basic Information

Catalog Number:

86165-3-PBS

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

BC106748

GeneID (NCBI):

11337

UNIPROT ID:

O95166

Full Name:

GABA(A) receptor-associated protein

Calculated MW:

14 kDa

Observed MW:

14-18 kDa

Purification Method:

Protein A purification

CloneNo.:

250354C7

Applications

Tested Applications:

WB, IF/ICC, Indirect ELISA

Species Specificity:

human, mouse, rat

Background Information

GABARAP (Gamma-aminobutyric acid type A receptor-associated protein), was initially identified as GABAA receptor binding protein and has shown to be implicated in intracellular trafficking of GABAA receptors. Through interacting with a broad range of proteins, GABARAP has been demonstrated as a multifunctional protein implicated in intracellular vesicle trafficking, apoptosis, and autophagy. The protein level of lipidated form of GABARAP (GABARAP-II) is upregulated during the autophagic process, which makes it as an autophagic marker. This antibody detected endogenous GABARAP protein in lysates from various tissues. It may cross-react with GABARAPL1 due to the high identity of amino acid sequence.

Storage

Storage:

Store at -80°C.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:

PBS only, pH7.3

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

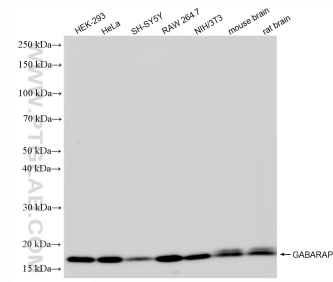
T: 4006900926

E: Proteintech-CN@ptglab.com

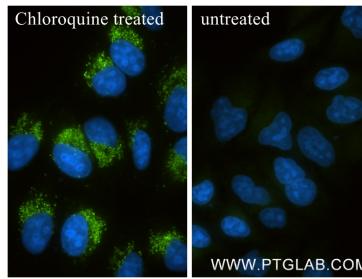
W: ptgcn.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 86165-3-RR (GABARAP antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 86165-3-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (-20°C Ethanol) fixed Chloroquine treated HepG2 cells using GABARAP antibody (86165-3-RR, Clone: 250354C7) at dilution of 1:500 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2). This data was developed using the same antibody clone with 86165-3-PBS in a different storage buffer formulation.