

For Research Use Only

GABARAP Recombinant monoclonal antibody

Catalog Number: 86165-3-RR



Basic Information

Catalog Number: 86165-3-RR	GenBank Accession Number: BC106748	Purification Method: Protein A purification
Source: Rabbit	GeneID (NCBI): 11337	CloneNo.: 250354C7
Isotype: IgG	UNIPROT ID: O95166	Recommended Dilutions: WB: 1:5000-1:50000 IF/ICC: 1:250-1:1000
	Full Name: GABA(A) receptor-associated protein	
	Calculated MW: 14 kDa	
	Observed MW: 14-18 kDa	

Applications

Tested Applications: WB, IF/ICC, ELISA	Positive Controls:
Species Specificity: human, mouse, rat	WB : HEK-293 cells, HeLa cells, SH-SY5Y cells, RAW 264.7 cells, NIH/3T3 cells, mouse brain tissue, rat brain tissue
	IF/ICC : Chloroquine treated HepG2 cells,

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 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 -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

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

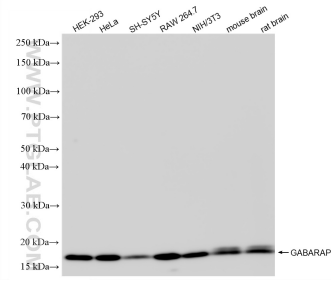
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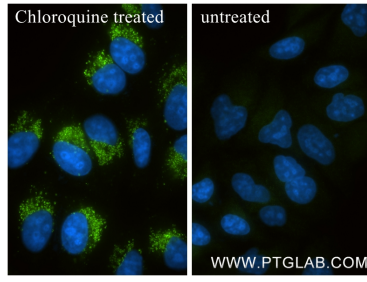
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Selected Validation Data



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.



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).