

Rabbit Anti-GABARAP antibody

SL12082R

Product Name GABARAP

Chinese Name γ -氨基丁酸受体相关蛋白抗体

Alias ATG8A; FLC 3B; FLC3B; FLJ25768; GABA(A) receptor associated protein; GABA(A) receptor-associated protein; GABARAP a; Gamma aminobutyric acid receptor associated protein; Gamma-aminobutyric acid receptor-associated protein; GBRAP_HUMAN; MGC120154; MGC120155; MM 46; MM46.

Research Area Cell biology Neurobiology Channel protein The cell membrane 受体 G protein-coupled receptor G protein signal

Immunogen Species Rabbit

Clonality Polyclonal

React Species (predicted: Human, Mouse, Rat, Pig, Cow,)

Applications IHC-P=1:100-500,IHC-F=1:100-500,ICC/IF=1:100-500,IF=1:100-500,ELISA=1:5000-10000
(Paraffin sections need antigen repair)
not yet tested in other applications.
optimal dilutions/concentrations should be determined by the end user.

Theoretical molecular weight 14kDa

Cellular localization cytoplasmic The cell membrane

Form Liquid

Concentration 1mg/ml

immunogen KLH conjugated synthetic peptide derived from human GABARAP: 11-117/117

Lsotype IgG

Purification affinity purified by Protein A

Buffer Solution 1M TBS(pH7.4) with 1% BSA, 3% Proclin300 and 50% Glycerol.

Storage Shipped at 4°C. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.

Attention This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

PubMed

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Gamma-aminobutyric acid A receptors [GABA(A) receptors] are ligand-gated chloride channels that mediate inhibitory neurotransmission. This gene encodes GABA(A) receptor-associated protein, which is highly positively charged in its N-terminus and shares sequence similarity with light chain-3 of microtubule-associated proteins 1A and 1B. This protein clusters neurotransmitter receptors by mediating interaction with the cytoskeleton. [provided by RefSeq, Jul 2008]

Function:

May play a role in intracellular transport of GABA(A) receptors and its interaction with the cytoskeleton.

Subunit:

Interacts with GPHN and NSF. Interacts with GABRG2, beta-tubulin and ULK1. Interacts with CALR. Interacts with DDX47. Interacts with TP53INP1 and TP53INP2. Interacts with TBC1D25.

Subcellular Location:

Endomembrane system. Cytoplasm, cytoskeleton. Golgi apparatus membrane. Largely associated with intracellular membrane structures including the Golgi apparatus and post-synaptic cisternae. Colocalizes with microtubules.

Product Detail

Tissue Specificity:

Heart, brain, placenta, liver, skeletal muscle, kidney and pancreas.

Similarity:

Belongs to the MAP1 LC3 family.

SWISS:

O95166

Gene ID:

11337

Database links:

[Entrez Gene: 11337](#) Human

[Entrez Gene: 56486](#) Mouse

[Entrez Gene: 58974](#) Rat

[Omim: 605125](#) Human



[SwissProt: O95166](#) Human

[SwissProt: Q9DCD6](#) Mouse

[SwissProt: P60517](#) Rat

[Unigene: 647421](#) Human

[Unigene: 272460](#) Mouse

[Unigene: 8411](#) Rat