



## Mouse Anti-GABARAP antibody (SLM51134M)

SLM51134M

<b>Product Name:</b>	GABARAP
<b>Chinese Name:</b>	小鼠抗 $\gamma$ -氨基丁酸受体相关蛋白单克隆抗体
<b>Alias:</b>	ATG8A; FLC 3B; FLC3B; FLJ25768; GABA(A) receptor associated protein; GABA(A) receptor-associated protein; GABARAP a; GABARAP; Gamma aminobutyric acid receptor associated protein; Gamma-aminobutyric acid receptor-associated protein; GBRAP_HUMAN; MGC120154; MGC120155; MM 46; MM46.
<b>Organism Species:</b>	Mouse
<b>Clonality:</b>	Monoclonal
<b>克隆号:</b>	10B2
<b>React Species:</b>	Human,Mouse,Rat,Cow,Rabbit,
<b>Applications:</b>	WB=1:500-2000ELISA=1:500-1000 not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
<b>Molecular weight:</b>	14kDa
<b>Cellular localization:</b>	cytoplasmicThe cell membrane
<b>Form:</b>	Lyophilized or Liquid
<b>Concentration:</b>	1mg/ml
<b>immunogen:</b>	Recombinant human GABARAP protein:
<b>Lsotype:</b>	IgG1
<b>Purification:</b>	affinity purified by Protein G
<b>Storage Buffer:</b>	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
<b>Storage:</b>	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
<b>PubMed:</b>	<a href="#">PubMed</a>
<b>Product Detail:</b>	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.

**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

**Important Note:**

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