

## Rabbit Anti-JAKMIP1/GABABRBP/AF350 Conjugated antibody

SL12086R-AF350

<b>Product Name</b>	Anti-JAKMIP1/GABABRBP/AF350
<b>Chinese Name</b>	AF350 标记的 G 氨基丁酸 B 型受体 Binding protein 抗体
<b>Alias</b>	FLJ31564; GABA B receptor binding protein; GABA-B receptor-binding protein; GABABRBP; Jak and microtubule interacting protein 1; JAKMIP 1; JAKMIP1; JAMIP1; Janus kinase and microtubule interacting protein 1; Janus kinase and microtubule-interacting protein 1; JKIP1_HUMAN; Marlin 1; Marlin-1; MARLIN1; Multiple alpha-helices and RNA-linker protein 1; Multiple coiled coil GABABR1 binding protein.
<b>Research Area</b>	Cell biology Neurobiology Signal transduction Kinases and Phosphatases t-lymphocyte Epigenetics
<b>Immunogen Species</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>React Species</b>	(predicted:Human,Mouse,Rat,Dog,Pig,Cow,Horse,Sheep) ICC/IF=1:50-200,IF=1:100-500
<b>Applications</b>	not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
<b>Molecular weight</b>	73kDa
<b>Form</b>	Lyophilized or Liquid
<b>Concentration</b>	1mg/ml
<b>immunogen</b>	KLH conjugated synthetic peptide derived from human GABABRBP/JAKMIP1
<b>Lsotype</b>	IgG
<b>Purification</b>	affinity purified by Protein A
<b>Storage Buffer</b>	1M TBS(pH7.4) with 1% BSA, 3% Proclin300 and 50% Glycerol 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 1M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
<b>Storage</b>	

**background:**

Associates with microtubules and may play a role in the microtubule-dependent transport of the GABA-B receptor. May play a role in JAK1 signaling and regulate microtubule cytoskeleton rearrangements.

**Function:**

Associates with microtubules and may play a role in the microtubule-dependent transport of the GABA-B receptor. May play a role in JAK1 signaling and regulate microtubule cytoskeleton rearrangements.

**Subunit:**

Homodimer. Forms a complex with GABBR1 and KIF5B/kinesin-1. Interacts with JAK1 and TYK2.

**Subcellular Location:**

Cytoplasm > cytoskeleton. Membrane. Colocalizes with the microtubule network. Localizes to the cell body and neurites of hippocampal neurons where it accumulates in granules. Localizes to the tail and to a lower extent to the head of sperm cells.

**Tissue Specificity:**

Predominantly expressed in neural tissues and lymphoid cells (at protein level). Isoform 2, isoform 3 and isoform 4 are specifically expressed in brain and retina. Isoform 1 and isoform 5 are also detected in liver, lung and skeletal muscle. Also detected in testis and to a lower extent spleen and intestine.

**Similarity:**

Belongs to the JAKMIP family.

**Database links:**

[Entrez Gene: 152789](#) Human

[Entrez Gene: 76071](#) Mouse

[Entrez Gene: 305434](#) Rat

[Omim: 611195](#) Human

[SwissProt: Q96N16](#) Human

[SwissProt: Q8BVL9](#) Mouse

[SwissProt: Q3SWS9](#) Rat

**Product Detail**



[Unigene: 479066](#) Human

[Unigene: 85280](#) Mouse

[Unigene: 18970](#) Rat

**Important Note:**

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