

## Rabbit Anti-JAKMIP1/GABABRBP antibody

SL12086R

**Product Name** JAKMIP1/GABABRBP

**Chinese Name** G 氨基丁酸 B 型受体 Binding protein 抗体

**Alias** 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.

**Research Area** Cell biology Neurobiology Signal transduction Kinases and Phosphatases t-lymphocyte Epigenetics

**Immunogen Species** Rabbit

**Clonality** Polyclonal

**React Species** (predicted: Human, Mouse, Rat, Dog, Pig, Cow, Horse, Sheep, )  
IHC-P=1:100-500,IHC-F=1:100-500,ICC/IF=1:100-500,IF=1:100-500,ELISA=1:5000-10000

**Applications** (Paraffin sections need antigen repair )  
not yet tested in other applications.  
optimal dilutions/concentrations should be determined by the end user.

**Theoretical molecular weight** 73kDa

**Cellular localization** cytoplasmic The cell membrane

**Form** Liquid

**Concentration** 1mg/ml

**immunogen** KLH conjugated synthetic peptide derived from human GABABRBP/JAKMIP1: 20-120/626

**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

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diagnostic applications.

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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.

**Product  
Detail**

**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.

**SWISS:**

Q96N16

**Gene ID:**

152789

**Database links:**

[Entrez Gene: 152789](#) Human

[Entrez Gene: 76071](#) Mouse

[Entrez Gene: 305434](#) Rat



[Oimim: 611195](#) Human

[SwissProt: Q96N16](#) Human

[SwissProt: Q8BVL9](#) Mouse

[SwissProt: Q3SWS9](#) Rat

[Unigene: 479066](#) Human

[Unigene: 85280](#) Mouse

[Unigene: 18970](#) Rat