



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.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Dog,Pig,Cow,Horse,Sheep,
Applications:	ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	73kDa
Cellular localization:	cytoplasmicThe cell membrane
Form:	Lyophilized or 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
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	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.
PubMed:	PubMed
Product Detail:	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.

SWISS:

Q96N16

Gene ID:

152789

Database links:

[Entrez Gene: 152789](#) Human

[Entrez Gene: 76071](#) Mouse

[Entrez Gene: 305434](#) Rat

[Omir: 611195](#) Human

[SwissProt: Q96N16](#) Human

[SwissProt: Q8BVL9](#) Mouse

[SwissProt: Q3SWS9](#) Rat

[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.

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