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JAKMIP1/GABABRBP Rabbit pAb

Catalog # AP98963

Product Information

Application	IHC-P, IHC-F, IF, E
Primary Accession	Q96N16
Other Accession	Q96N16
Predicted	Rat, Pig, Human, Mouse, Dog, Horse, Sheep
Host	Rabbit
Clonality	Polyclonal
Calculated MW	73209
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human GABABRBP/JAKMIP1
Epitope Specificity	20-120/626
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SIMILARITY	Belongs to the JAKMIP family.
SUBUNIT	Homodimer. Forms a complex with GABBR1 and KIF5B/kinesin-1. Interacts with JAK1 and TYK2.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	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.

Additional Information

Gene ID	152789
Other Names	Gababrbp; JAMIP1; MARLIN1; 5830437M04Rik; C330021K24Rik; Marlin-1; JKIP1_HUMAN; JAKMIP1; GABA-B receptor-binding protein; Multiple alpha-helices and RNA-linker protein 1 (Marlin-1); JKIP1_MOUSE; JKIP1_RAT; Multiple alpha helices and RNA-linker protein 1 (Marlin-1); janus kinase and microtubule interacting protein 1
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,ICC/IF=1:100-500,IF=1:100-500,ELISA=1:5000-10000
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. 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.

Protein Information

Name	JAKMIP1
Synonyms	GABABRBP, JAMIP1, MARLIN1
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.
Cellular Location	Cytoplasm, cytoskeleton. Membrane; Peripheral membrane protein. Note=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 Location	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

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.