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JAKMIP1 Antibody (Internal)
Rabbit Polyclonal Antibody
Catalog # ALS16741

Specification

JAKMIP1 Antibody (Internal) - Product Information

Application	**IHC, WB**
Primary Accession	Q96N16
Other Accession	152789
Reactivity	**Human, Mouse, Rat**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**IgG**
Calculated MW	**73209**

JAKMIP1 Antibody (Internal) - Additional Information

Gene ID 152789

Other Names
JAKMIP1, JAMIP1, Gababrbp, Marlin-1, MARLIN1

Target/Specificity
Multiple isoforms of JAKMIP1 are known to exist. JAKMIP1 antibody is predicted to not cross-react with JAKMIP2.

Reconstitution & Storage
PBS, 0.02% sodium azide. Long term: -20°C; Short term: +4°C. Avoid repeat freeze-thaw cycles.

Precautions
JAKMIP1 Antibody (Internal) is for research use only and not for use in diagnostic or therapeutic procedures.

JAKMIP1 Antibody (Internal) - 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

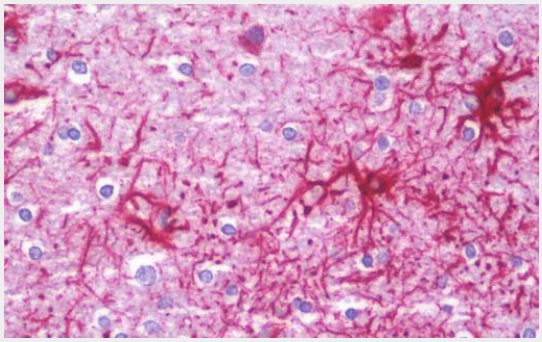
Tissue Location
Predominantly expressed in neural tissues and lymphoid cells (at protein level). Isoform 2, isoform 3 and isoform 4 are specifically expressed in brain and retina. Isoform 1 and isoform 5 are also detected in liver, lung and skeletal muscle. Also detected in testis and to a lower extent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

JAKMIP1 Antibody (Internal) - Protocols

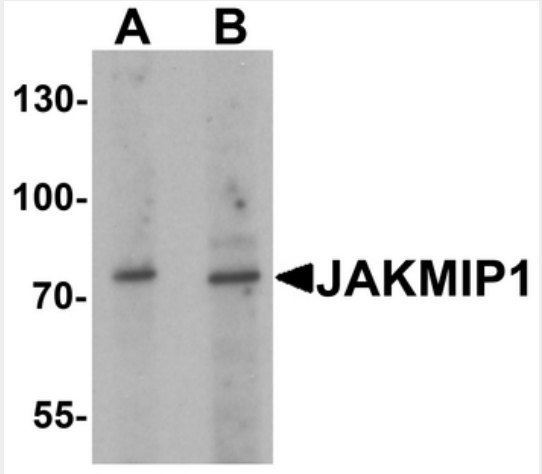
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

JAKMIP1 Antibody (Internal) - Images



Anti-JAKMIP1 antibody IHC staining of human brain, cortex.



Western blot analysis of JAKMIP1 in rat brain tissue lysate with JAKMIP1 antibody at (A) 1 and...

JAKMIP1 Antibody (Internal) - 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.

JAKMIP1 Antibody (Internal) - References

Couve A.,et al.J. Biol. Chem. 279:13934-13943(2004).
Costa V.,et al.Gene 402:1-8(2007).
Ota T.,et al.Nat. Genet. 36:40-45(2004).
Hillier L.W.,et al.Nature 434:724-731(2005).
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