

JAKMIP1 Antibody (Internal)
Rabbit Polyclonal Antibody
Catalog # ALS16741**Specification**

JAKMIP1 Antibody (Internal) - Product Information

Application	IHC, WB
Primary Accession	O96N16
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

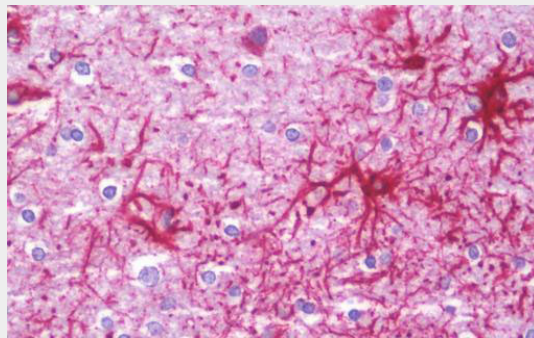
Predominantly expressed in neural tissues and lymphoid cells (at protein level). Isoform 2, isoform 3 and isoform 4 are specifically expressed in brain and retina. Isoform 1 and isoform 5 are also detected in liver, lung and skeletal muscle. Also detected in testis and to a lower extent spleen and intestine

JAKMIP1 Antibody (Internal) - Protocols

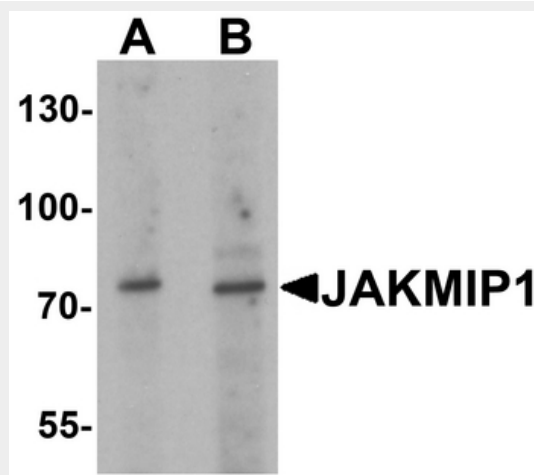
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [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).

Mural R.J., et al. Submitted (SEP-2005) to the EMBL/GenBank/DDBJ databases.