

JAKMIP1 Antibody (Center)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP8685c

Specification

JAKMIP1 Antibody (Center) - Product Information

Application	WB, IHC-P,E
Primary Accession	O96N16
Other Accession	O3SWS9 , O8BVL9 , A6QR54
Reactivity	Human
Predicted	Bovine, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	73209
Antigen Region	270-297

JAKMIP1 Antibody (Center) - Additional Information

Gene ID 152789

Other Names

Janus kinase and microtubule-interacting protein 1, GABA-B receptor-binding protein, Multiple alpha-helices and RNA-linker protein 1, Marlin-1, JAKMIP1, GABABRBP, JAMIP1, MARLIN1

Target/Specificity

This JAKMIP1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 270-297 amino acids from the Central region of human JAKMIP1.

Dilution

WB~~1:1000
IHC-P~~1:50~100

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

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

JAKMIP1 Antibody (Center) - 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

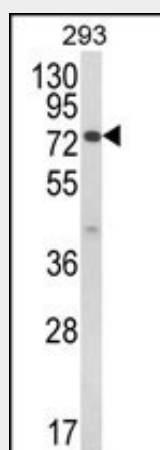
Predominantly expressed in neural tissues and lymphoid cells (at protein level). Isoform 2, isoform 3 and isoform 4 are specifically expressed in brain and retina. Isoform 1 and isoform 5 are also detected in liver, lung and skeletal muscle. Also detected in testis and to a lower extent spleen and intestine

JAKMIP1 Antibody (Center) - Protocols

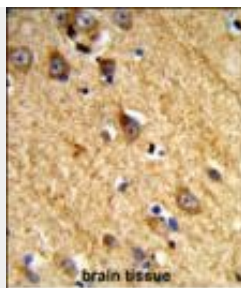
Provided below are standard protocols that you may find useful for product applications.

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

JAKMIP1 Antibody (Center) - Images



Western blot analysis of JAKMIP1 Antibody (Center) (Cat. #AP8685c) in 293 cell line lysates (35ug/lane). JAKMIP1 (arrow) was detected using the purified Pab.



Formalin-fixed and paraffin-embedded human brain tissue reacted with JAKMIP1 Antibody (Center), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.

JAKMIP1 Antibody (Center) - Background

JAKMIP1 associates with microtubules and may play a role in the microtubule-dependent transport of the GABA-B receptor. It may play a role in JAK1 signaling and regulate microtubule cytoskeleton rearrangements.

JAKMIP1 Antibody (Center) - References

Jin,J., et.al., Curr. Biol. 14 (16), 1436-1450 (2004)
Steindler,C., et.al., J. Biol. Chem. 279 (41), 43168-43177 (2004)