

JAKMIP1 Antibody (Center) Blocking Peptide
Synthetic peptide
Catalog # BP8685c**Specification**

JAKMIP1 Antibody (Center) Blocking Peptide - Product InformationPrimary Accession [Q96N16](#)**JAKMIP1 Antibody (Center) Blocking Peptide - 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

The synthetic peptide sequence used to generate the antibody [AP8685c](/products/AP8685c) was selected from the Center region of human JAKMIP1. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

JAKMIP1 Antibody (Center) Blocking Peptide - 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) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

JAKMIP1 Antibody (Center) Blocking Peptide - Images**JAKMIP1 Antibody (Center) Blocking Peptide - 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) Blocking Peptide - References

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