

Product datasheet for **TA320119**

JAKMIP1 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB: 1 - 2 ug/mL
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Rabbit polyclonal JAKMIP1 antibody was raised against a 16 amino acid peptide near the center of human JAKMIP1.
Formulation:	JAKMIP1 Antibody is supplied in PBS containing 0.02% sodium azide.
Concentration:	1ug/ul
Purification:	JAKMIP1 Antibody is affinity chromatography purified via peptide column.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	69 kDa
Gene Name:	janus kinase and microtubule interacting protein 1
Database Link:	NP_653321 Entrez Gene 76071 MouseEntrez Gene 305434 RatEntrez Gene 152789 Human Q96N16



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Background:

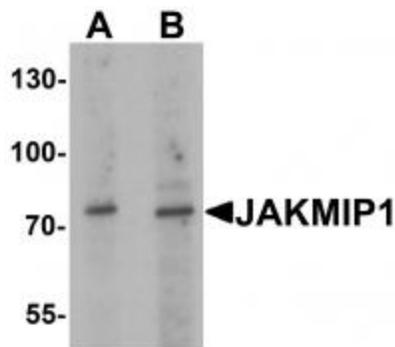
JAKMIP1 Antibody: JAKMIP1, also known as Marlin-1, is a highly-conserved vertebrate-specific microtubule-associated protein that plays a role in JAK1 signaling and regulate microtubule cytoskeleton rearrangements. JAKMIP1 is expressed predominantly in neuronal and lymphoid cells and colocalizes with microtubules. Multiple isoforms of JAKMIP1 are known to exist: isoforms 1 and 5 are also expressed in liver, lung and skeletal muscle, while isoforms 2-4 are specifically expressed in brain and retina. JAKMIP1 participates in polarized secretion in lymphocytes and it has been suggested to be a novel effector memory gene restraining T cell-mediated cytotoxicity. Dysregulation of JAKMIP1 gene expression is associated with genetic conditions linked to autism in humans.

Synonyms:

Gababrbp; JAMIP1; MARLIN1

Protein Families:

Druggable Genome

Product images:

Western blot analysis of JAKMIP1 in rat brain tissue lysate with JAKMIP1 antibody at (A) 1 and (B) 2 ug/mL