

JAKMIP1 Antibody

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For Research Use Only. Not for Use in Diagnostic Procedures.

Applications:	Reactivity:	Sensitivity:	MW (kDa):	Source/Isotype:	UniProt ID:	Entrez-Gene Id:
W	H M R	Endogenous	80	Rabbit	#Q96N16	152789
Product Usage Information	Application Western Blotting					Dilution 1:1000
Storage	Supplied in 10 mM sodium HEPES (pH 7.5), 150 mM NaCl, 100 µg/ml BSA and 50% glycerol. Store at -20°C. Do not aliquot the antibody.					
Specificity/Sensitivity	JAKMIP1 Antibody recognizes endogenous levels of total JAKMIP1 protein.					
Source / Purification	Polyclonal antibodies are produced by immunizing animals with a synthetic peptide corresponding to residues near the carboxy terminus of human JAKMIP1 protein. Antibodies are purified by protein A and peptide affinity chromatography.					
Background	JAKMIP1, or Janus kinase and microtubule interactin protein 1, localizes in mitrotubules and the plasma membrane, which associates with microtubules and plays a role in migration of pyramidal neurons (1). JAKMIP1 participates in the microtubule-dependent transport of GABA-B receptor (2). It is also linked to autistic-spectrum disorders (3,4). JAKMIP1 may participate in the JAK1 pathway (5).					
Background References	1. Vidal, R.L. et al. (2012) <i>Mol Cell Neurosci</i> 51, 1-11. 2. Couve, A. et al. (2004) <i>J Biol Chem</i> 279, 13934-43. 3. Hedges, D.J. et al. (2012) <i>Mol Autism</i> 3, 2. 4. Berg, J.M. et al. (2015) <i>Neuron</i> 88, 1173-91. 5. Steindler, C. et al. (2004) <i>J Biol Chem</i> 279, 43168-77.					

Species Reactivity	Species reactivity is determined by testing in at least one approved application (e.g., western blot).
Western Blot Buffer	IMPORTANT: For western blots, incubate membrane with diluted primary antibody in 5% w/v BSA, 1X TBS, 0.1% Tween® 20 at 4°C with gentle shaking, overnight.
Applications Key	W: Western Blotting
Cross-Reactivity Key	H: Human M: Mouse R: Rat
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