BOSTER BIOLOGICAL TECHNOLOGY
3942 B Valley Ave, Pleasanton, CA 94566
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Anti-JAKMIP1 Antibody

Catalog Number: A09437

About JAKMIP1

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.

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Overview

Product Name	Anti-JAKMIP1 Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-JAKMIP1 Antibody (Catalog # A09437). Tested in ELISA, WB applications. This antibody reacts with Human, Mouse, Rat.
Application	ELISA, WB
Clonality	Polyclonal
Formulation	JAKMIP1 Antibody is supplied in PBS containing 0.02% sodium azide.
Storage Instructions	JAKMIP1 antibody can be stored at 4°C for three months and -20°C, stable for up to one year.
Host	Rabbit
Uniprot ID	Q96N16

Technical Details

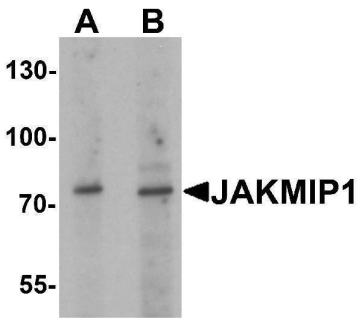
Immunogen	Rabbit polyclonal JAKMIP1 antibody was raised against a 16 amino acid peptide near the center of human JAKMIP1. The immunogen is located within amino acids 260 - 310 of JAKMIP1.
Predicted Reactive Species	Bovine
Cross Reactivity	Multiple isoforms of JAKMIP1 are known to exist. JAKMIP1 antibody is predicted to not cross-react

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	with JAKMIP2.
Isotype	IgG
Form	Liquid
Concentration	1 mg/mL
Purification	JAKMIP1 Antibody is affinity chromatography purified via peptide column.
Suggested Dilutions	JAKMIP1 antibody can be used for detection of JAKMIP1 by Western blot at 1 - 2 ug/mL. Antibody validated: Western Blot in rat samples. All other applications and species not yet tested. Optimal dilutions for each application should be determined by the researcher.

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Anti-JAKMIP1 Antibody (A09437) Images



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

Anti-JAKMIP1 Antibody

For Research Use Only. Not for use in diagnostic procedures.