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JAKMIP2 Antibody

Catalog # ASC11594

Product Information

Application	WB, E
Primary Accession	Q96AA8
Other Accession	NP_055605, 45237195
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Calculated MW	94934
Concentration (mg/ml)	1 mg/mL
Conjugate	Unconjugated
Application Notes	JAKMIP2 antibody can be used for detection of JAKMIP2 by Western blot at 1 - 2 □g/mL.

Additional Information

Gene ID	9832
Other Names	Janus kinase and microtubule-interacting protein 2, CTCL tumor antigen HD-CL-04, Neuroendocrine long coiled-coil protein 1, JAKMIP2, JAMIP2, KIAA0555, NECC1
Target/Specificity	JAKMIP2; At least four isoforms of JAKMIP2 are known to exist; this antibody will detect all four isoforms. JAKMIP2 antibody is predicted to not cross-react with JAKMIP1.
Reconstitution & Storage	JAKMIP2 antibody can be stored at 4℃ for three months and -20℃, stable for up to one year.
Precautions	JAKMIP2 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	JAKMIP2
Synonyms	JAMIP2, KIAA0555, NECC1
Cellular Location	Golgi apparatus.
Tissue Location	Highly expressed in brain, moderately expressed in thymus, spleen and lung, and weakly expressed in kidney, liver and peripheral blood lymphocytes. Also expressed in adrenal and pituitary glands, as well as testis.

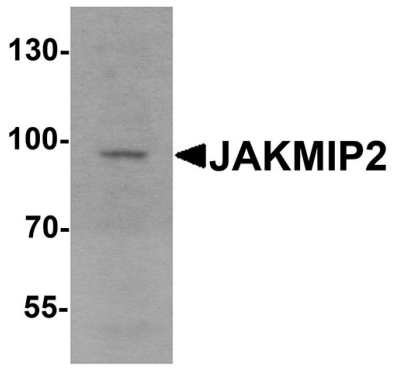
Background

JAKMIP2 Antibody: JAKMIP2, also known as neuroendocrine long coiled-coil protein 1 (NECC1), is a member of the JAKMIP family of proteins whose members are thought play a role in JAK1 signaling and the regulation of microtubule cytoskeleton rearrangements. JAKMIP2 is expressed predominantly in neuronal cells but unlike JAKMIP1, JAKMIP2 localizes to the Golgi complex. It has been suggested that JAKMIP2 may play important roles in the control of the regulated secretory pathway.

References

Steindler C, Li Z, Algarte M, et al. Jamip1 (Marlin-1) defines a family of proteins interacting with Janus kinases and microtubules. J. Biol. Chem. 2004; 279:43168-77.
Cruz-Garcia D, Vazquez-Martinez R, Peinado JR, et al. Identification and characterization of two novel (neuro)endocrine long coiled-coil proteins. FEBS Lett. 2007; 581:3149-56.

Images



Western blot analysis of JAKMIP2 in mouse brain tissue lysate with JAKMIP2 antibody at 1 µg/mL.