

CRLF1 Antibody (Center)

Affinity Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP17059c

Product Information

Application	WB, E
Primary Accession	Q75462
Other Accession	Q9JIM58 , NP_004741.1
Reactivity	Human
Predicted	Mouse
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB36911
Calculated MW	46302
Antigen Region	255-283

Additional Information

Gene ID	9244
Other Names	Cytokine receptor-like factor 1, Cytokine-like factor 1, CLF-1, ZcytoR5, CRLF1
Target/Specificity	This CRLF1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 255-283 amino acids from the Central region of human CRLF1.
Dilution	WB~~1:1000 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	CRLF1 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	CRLF1
Function	In complex with CLCF1, forms a heterodimeric neurotropic cytokine that plays a crucial role during neuronal development (Probable). May also play a regulatory role in the immune system.

Cellular Location	Secreted.
Tissue Location	Highest levels of expression observed in spleen, thymus, lymph node, appendix, bone marrow, stomach, placenta, heart, thyroid and ovary. Strongly expressed also in fetal lung

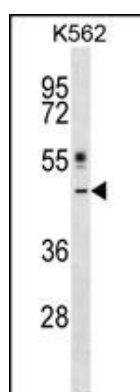
Background

This gene encodes a member of the cytokine type I receptor family. The protein forms a secreted complex with cardiotrophin-like cytokine factor 1 and acts on cells expressing ciliary neurotrophic factor receptors. The complex can promote survival of neuronal cells. Mutations in this gene result in Crisponi syndrome and cold-induced sweating syndrome. [provided by RefSeq].

References

Tsuritani, K., et al. *Calcif. Tissue Int.* 86(1):47-57(2010)
Crisponi, L., et al. *Am. J. Hum. Genet.* 80(5):971-981(2007)
Dagoneau, N., et al. *Am. J. Hum. Genet.* 80(5):966-970(2007)
Zhang, Z., et al. *Protein Sci.* 13(10):2819-2824(2004)
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Images



CRLF1 Antibody (Center) (Cat. #AP17059c) western blot analysis in K562 cell line lysates (35ug/lane). This demonstrates the CRLF1 antibody detected the CRLF1 protein (arrow).

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.