

CRLF1 Antibody (Center)

Affinity Purified Rabbit Polyclonal Antibody (Pab) Catalog # AP17059c

Product Information

Application WB, E Primary Accession 075462

Other Accession O9IM58, 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

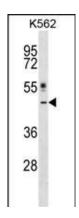
Background

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) Heese, K., et al. J. Cell. Biochem. 91(5):1030-1042(2004)

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'.