



Anti-CRLF2 (internal region) polyclonal antibody (CPBT-31449RH)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Rabbit Polyclonal antibody to Human CRLF2.
Antigen Description	The protein encoded by this gene is a receptor for thymic stromal lymphopoietin (TSLP). Together with the interleukin 7 receptor (IL7R), the encoded protein and TSLP activate STAT3, STAT5, and JAK2 pathways, which control processes such as cell proliferation and development of the hematopoietic system. Two transcript variants encoding different isoforms have been found for this gene.
Specificity	Expressed in heart, skeletal muscle, kidney and adult and fetal liver. Primarily expressed in dendrites and monocytes. Weakly expressed in T-cells.
Immunogen	KLH conjugated synthetic peptide of 19 amino acids in length from near the center of Human CRLF2.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Purification	Immunogen affinity purified
Conjugate	Unconjugated
Applications	WB, ELISA, IHC-P
Sequence Similarities	Belongs to the type I cytokine receptor family. Type 5 subfamily. Contains 1 fibronectin type-III domain.
Cellular Localization	Secreted and Cell membrane.

Format	Liquid
Size	100 µg
Buffer	Preservative: 0.02% Sodium Azide Constituents: PBS
Preservative	0.02% Sodium Azide
Storage	Store at 4°C, stable for one year. Should not be exposed to prolonged high temperatures. Avoid freeze / thaw cycles.

GENE INFORMATION

Gene Name	CRLF2 cytokine receptor-like factor 2 [Homo sapiens]
Official Symbol	CRLF2
Synonyms	CRLF2; cytokine receptor-like factor 2; CRL2; TSLPR; CRL 2; CRL2; CRLF 2; Crlf2; CRLF2_HUMAN; CRLF2Y; Cytokine receptor CRL2 precursor; Cytokine receptor like 2; Cytokine receptor like factor 2; Cytokine receptor like factor 2 precursor; Cytokine receptor-like 2; Cytokine receptor-like factor 2; IL XR; IL-XR; ILXR; Thymic stromal derived lymphopoietin receptor; Thymic stromal lymphopoietin protein receptor; Thymic stromal lymphopoietin receptor; TSLP receptor; TSLPR; IL-XR; TSLP receptor; P2RY8/CRLF2 fusion; cytokine receptor-like 2; cytokine receptor CRL2 precursor; thymic stromal lymphopoietin receptor; thymic stromal lymphopoietin protein receptor; thymic stromal-derived lymphopoietin receptor; CRLF2Y;
Entrez Gene ID	64109
Protein Refseq	NP_071431
UniProt ID	J3QKD1
Chromosome Location	Xp22.3 and Yp11.3
Pathway	Cytokine-cytokine receptor interaction, organism-specific biosystem; Cytokine-cytokine receptor interaction, conserved biosystem; Jak-STAT signaling pathway, organism-specific biosystem; Jak-STAT signaling pathway, conserved biosystem;
Function	receptor activity;