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# anti-CRLF2 antibody (Center)



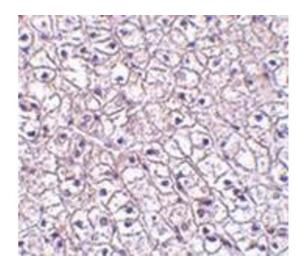


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Overview	
Quantity:	0.1 mg
Target:	CRLF2
Binding Specificity:	Center
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CRLF2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Enzyme
	Immunoassay (EIA)
Product Details	
Immunogen:	TSLP Receptor antibody was raised against a 19 amino acid peptide from near the center of
	human TSLP receptor.
Isotype:	IgG
Specificity:	This antibody detects CRLF2.
Cross-Reactivity (Details):	Species reactivity (tested):Human
Purification:	Peptide affinity chromatography
Target Details	
Target:	CRLF2

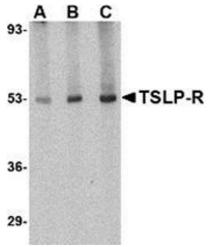
## **Target Details**

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Alternative Name:	CRLF2 (CRLF2 Products)
Background:	Thymic stromal lymphopoietin (TSLP) has recently been identified as an important factor
	capable of driving dendritic cell maturation and activation. It is involved in the positive selection
	of regulatory T cells, maintenance of peripheral CD4+ T cell homeostasis and the induction of
	CD4+ T cell-mediated allergic reaction. TSLP is also capable of supporting the growth of fetal
	liver and adult B cell progenitors and their differentiation to the IgM-positive stage of B cell
	development. Its receptor TSLP-R will bind TSLP in a low-affinity fashion in transfected cells,
	co-transfection with IL-7R-alpha cDNA results in high-affinity binding and a functional
	heteromeric complex. This heteromeric receptor requires stat5 for TSLP-mediated signal
	transduction and is inhibited by SOCS-1. Despite its predicted molecular weight, TSLP-R often
	migrates at a higher molecular weight in SDS-PAGE.Synonyms: Cytokine receptor-like 2,
	Cytokine receptor-like factor 2, IL-XR, ILXR, TSLPR, Thymic stromal lymphopoietin protein
	receptor
Gene ID:	64109
UniProt:	Q9HC73
Application Details	
Application Notes:	ELISA. Western blot: 0.5 - 1 μg/mL. Immunohistochemistry on paraffin sections.
	Other applications not tested.
	Optimal dilutions are dependent on conditions and should be determined by the user.
Restrictions:	For Research Use only
Handling	
Buffer:	PBS containing 0.02 % sodium azide
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which
	should be handled by trained staff only.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	Store at 2 - 8 °C for up to one month or (in aliquots) at -20 °C for longer.



### **Immunohistochemistry (Paraffin-embedded Sections)**

**Image 1.** Immunohistochemistry of TSLP-R in human liver tissue with this product at  $5 \mu g/ml$ .



### **Western Blotting**

Image 2. Western blot analysis of TSLP Receptor in human liver tissue lysate with this product at (A) 0.5, (B) 1 and (C) 2  $\mu g/ml.$