

# TSLP Receptor Antibody

Catalog No: #24528

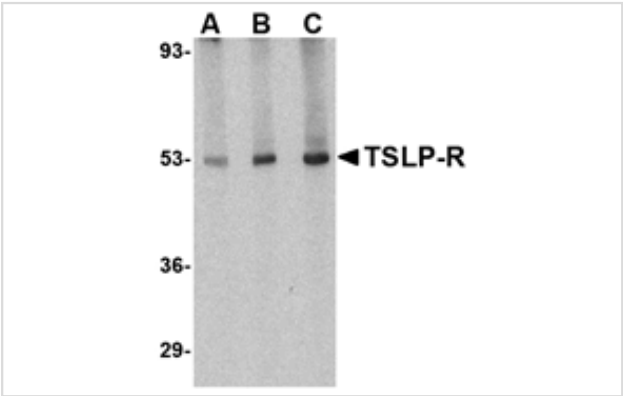


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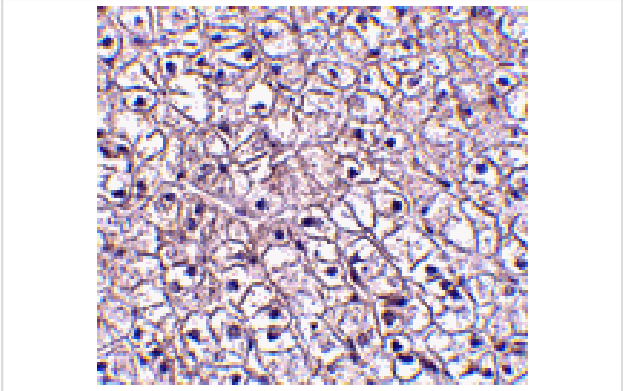
## Description

Product Name	TSLP Receptor Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Affinity chromatography purified via peptide column
Applications	ELISA WB IHC
Species Reactivity	Hu
Immunogen Type	Peptide
Immunogen Description	Raised against a 19 amino acid peptide from near the center of human TSLP receptor.
Target Name	TSLP Receptor
Other Names	TSLP Receptor, Thymic stromal lymphopoietin receptor
Accession No.	Q9HC73
Uniprot	Q9HC73
GeneID	64109;
Concentration	1mg/ml
Formulation	Supplied in PBS containing 0.02% sodium azide.
Storage	Can be stored at -20°C, stable for one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

## Images



Western blot analysis of TSLP Receptor in human liver tissue lysate with TSLP Receptor antibody at (A) 0.5, (B) 1 and (C) 2 ug/mL.



Immunohistochemistry of TSLP-R in human liver tissue with TSLP-R antibody at 5 ug/mL.

## 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<sup>+</sup> T cell homeostasis and the induction of CD4<sup>+</sup> 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.

Note: This product is for in vitro research use only