

ARG55638 anti-TSLP antibody

Package: 50 µg
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes TSLP
Tested Reactivity	Hu, Ms
Tested Application	ICC/IF, IHC-P, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	TSLP
Species	Human
Immunogen	Synthetic peptide (19 aa) within aa. 40-90 of Human TSLP.
Conjugation	Un-conjugated
Alternate Names	Thymic stromal lymphopoietin

Application Instructions

Application table	Application	Dilution
	ICC/IF	20 µg/ml
	IHC-P	2.5 µg/ml
	WB	0.5 - 2 µg/ml
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Positive Control	A-20 Cell Lysate	

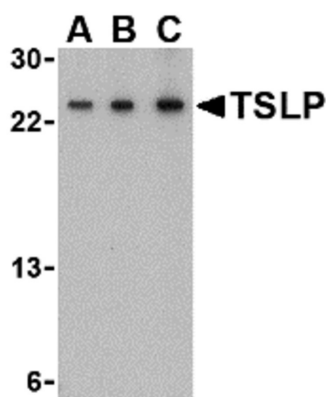
Properties

Form	Liquid
Purification	Affinity purification with immunogen.
Buffer	PBS and 0.02% Sodium azide
Preservative	0.02% Sodium azide
Concentration	1 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

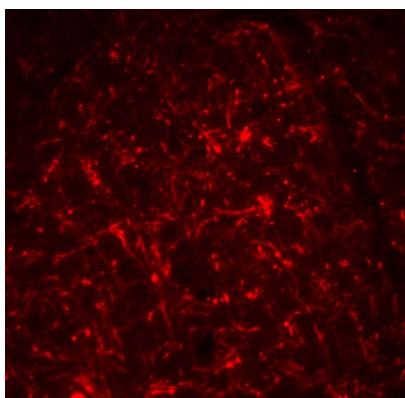
Database links	GeneID: 53603 Mouse GeneID: 85480 Human Swiss-port # Q969D9 Human Swiss-port # Q9JIE6 Mouse
Gene Symbol	TSLP
Gene Full Name	thymic stromal lymphopoietin
Background	This gene encodes a hemopoietic cytokine proposed to signal through a heterodimeric receptor complex composed of the thymic stromal lymphopoietin receptor and the IL-7R alpha chain. It mainly impacts myeloid cells and induces the release of T cell-attracting chemokines from monocytes and enhances the maturation of CD11c(+) dendritic cells. The protein promotes T helper type 2 (TH2) cell responses that are associated with immunity in various inflammatory diseases, including asthma, allergic inflammation and chronic obstructive pulmonary disease. The protein is therefore considered a potential therapeutic target for the treatment of such diseases. Alternative splicing of this gene results in multiple transcript variants. [provided by RefSeq, Jan 2012]
Function	Isoform 1: Cytokine that induces the release of T-cell-attracting chemokines from monocytes and, in particular, enhances the maturation of CD11c(+) dendritic cells. Can induce allergic inflammation by directly activating mast cells. Isoform 2: May act as an antimicrobial peptide in the oral cavity and on the skin. [UniProt]
Calculated Mw	18 kDa

Images



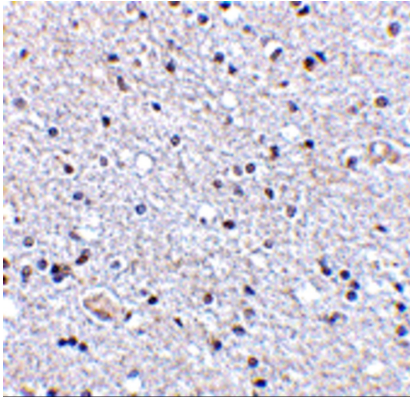
ARG55638 anti-TSLP antibody WB image

Western blot: A-20 cell lysate stained with ARG55638 anti-TSLP antibody at (A) 0.5, (B) 1 and (C) 2 µg/ml dilution.



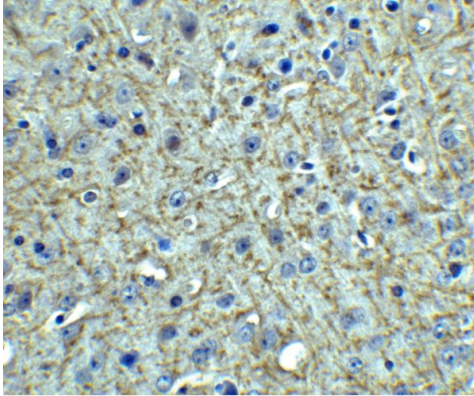
ARG55638 anti-TSLP antibody ICC/IF image

Immunofluorescence: Mouse brain tissue stained with ARG55638 anti-TSLP antibody at 20 µg/ml.



ARG55638 anti-TSLP antibody IHC-P image

Immunohistochemistry: TSLP in Human brain tissue stained with ARG55638 anti-TSLP antibody at 2.5 $\mu\text{g}/\text{ml}$ dilution.



ARG55638 anti-TSLP antibody IHC-P image

Immunohistochemistry: Mouse brain tissue stained with ARG55638 anti-TSLP antibody at 2.5 $\mu\text{g}/\text{ml}$.
