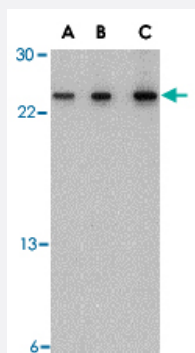


TSLP polyclonal antibody

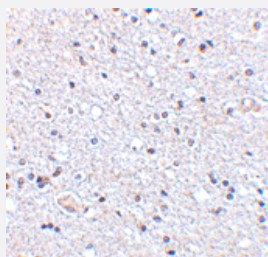
Catalog # PAB13435 Size 100 ug

Applications



Western Blot (Cell lysate)

Western blot analysis of TSLP in A-20 cell lysate with TSLP polyclonal antibody (Cat # PAB13435) at (A) 0.5, (B) 1 and (C) 2 ug/mL .



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemistry of TSLP in human brain tissue with TSLP polyclonal antibody (Cat # PAB13435) at 2.5 ug/mL .

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of TSLP.
Immunogen	A synthetic peptide corresponding to internal region 19 amino acids of human TSLP.
Host	Rabbit
Reactivity	Human, Mouse
Form	Liquid
Recommend Usage	Western Blot (0.5-1 ug/mL) The optimal working dilution should be determined by the end user.

Storage Buffer	In PBS (0.02% sodium azide)
Storage Instruction	Store at 4°C for up to one year. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

Western blot analysis of TSLP in A-20 cell lysate with TSLP polyclonal antibody (Cat # PAB13435) at (A) 0.5, (B) 1 and (C) 2 ug/mL .

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemistry of TSLP in human brain tissue with TSLP polyclonal antibody (Cat # PAB13435) at 2.5 ug/mL .

Gene Info — TSLP

Entrez GeneID	85480
Protein Accession#	NP_149024
Gene Name	TSLP
Gene Alias	-
Gene Description	thymic stromal lymphopoietin
Omim ID	607003
Gene Ontology	Hyperlink
Gene Summary	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. Alternative splicing of this gene results in two transcript variants. [provided by RefSeq]
Other Designations	-

Publication Reference

- [Cloning of human thymic stromal lymphopoietin \(TSLP\) and signaling mechanisms leading to proliferation.](#)

Quentmeier H, Drexler HG, Fleckenstein D, Zaborski M, Armstrong A, Sims JE, Lyman SD.

Leukemia 2001 Aug; 15(8):1286.

- [Molecular cloning and biological characterization of a novel murine lymphoid growth factor.](#)

Sims JE, Williams DE, Morrissey PJ, Garka K, Foxworthe D, Price V, Friend SL, Farr A, Bedell MA, Jenkins NA, Copeland NG, Grabstein K, Paxton RJ.

The Journal of Experimental Medicine 2000 Sep; 192(5):671.

- [Thymic stromal lymphopoietin: a cytokine that promotes the development of IgM+ B cells in vitro and signals via a novel mechanism.](#)

Levin SD, Koelling RM, Friend SL, Isaksen DE, Ziegler SF, Perlmutter RM, Farr AG.

The Journal of Immunology 1999 Jan; 162(2):677.

Application: Added, Recombinant protein

Pathway

- [Cytokine-cytokine receptor interaction](#)
- [Jak-STAT signaling pathway](#)

Disease

- [Asthma](#)
- [Birth Weight](#)
- [Bronchial Hyperreactivity](#)
- [Dermatitis](#)
- [Esophagitis](#)
- [Genetic Predisposition to Disease](#)
- [Glioblastoma](#)
- [Glioma](#)
- [Kaposi Varicelliform Eruption](#)
- [Leukemia](#)

- [Meningeal Neoplasms](#)
- [Meningioma](#)
- [Obesity](#)
- [Vitiligo](#)