



Rabbit Anti-TSLP antibody

SL0449R

Product Name:	TSLP
Chinese Name:	胸腺基质lymphocyte生成素-1抗体
Alias:	Thymic stromal lymphopoietin isoform 1; Thymic stromal lymphopoietin; Thymic stromal lymphopoietin protein TSLP; TSLP protein; TSLP_HUMAN.
文献引用 PubMed :	Specific References(1) SL0449R has been referenced in 1 publications. [IF=0.67]Sakitani, Eri, et al. "Increased Expression of Thymic Stromal Lymphopoietin and Its Receptor in Kimuras Disease." ORL 77.1 (2015): 44-54.other; PubMed:25676453
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,
Applications:	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	15kDa
Cellular localization:	Secretory protein
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human TSP-1:101-159/159
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

PubMed:[PubMed](#)

Thymic stromal lymphopoietin (TSLP) is a novel cytokine that was found to promote the development of murine B cells in vitro. This protein, which is expressed in a number of tissues including heart, liver and prostate, prevented apoptosis and stimulated growth of the human acute myeloid leukemia (AML)-derived cell line MUTZ-3. Anti-interleukin (IL)-7 receptor antibodies (Abs) neutralized this effect indicating that TSLP binds to at least part of the IL-7 receptor complex. TSLP induced phosphorylation of signal transducer and activator of transcription (STAT)-5.

Function:

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.

Subunit:

Interacts with a receptor composed of CRLF2 and IL7R.

Subcellular Location:

Secreted.

Tissue Specificity:

Expressed in a number of tissues including heart, liver and prostate.

Product Detail:

SWISS:
Q969D9

Gene ID:
85480

Database links:

[Entrez Gene: 85480](#)Human

[Entrez Gene: 53603](#)Mouse

[Entrez Gene: 688621](#)Rat

[Omim: 607003](#)Human

[SwissProt: Q969D9](#)Human

[SwissProt: Q9JIE6](#)Mouse

[Unigene: 389874](#)Human

[Unigene: 143716](#)Mouse

[Unigene: 201724](#)Rat

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

胸腺基质lymphocyte生成素-1(胸腺基质细胞分泌的lymphocyte生成素-1)

为一种新型促进生长的cell factor——

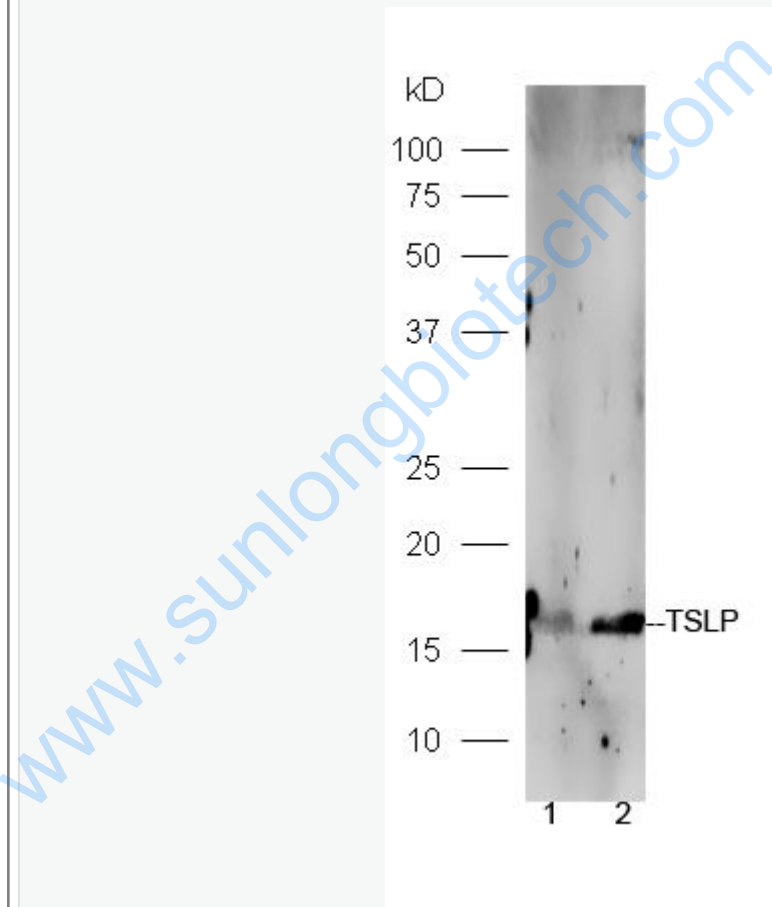
胸腺基质淋巴蛋白(TSLP)可以引发炎症反应,

这种炎症反应可以引起很多过敏性疾病和哮喘。

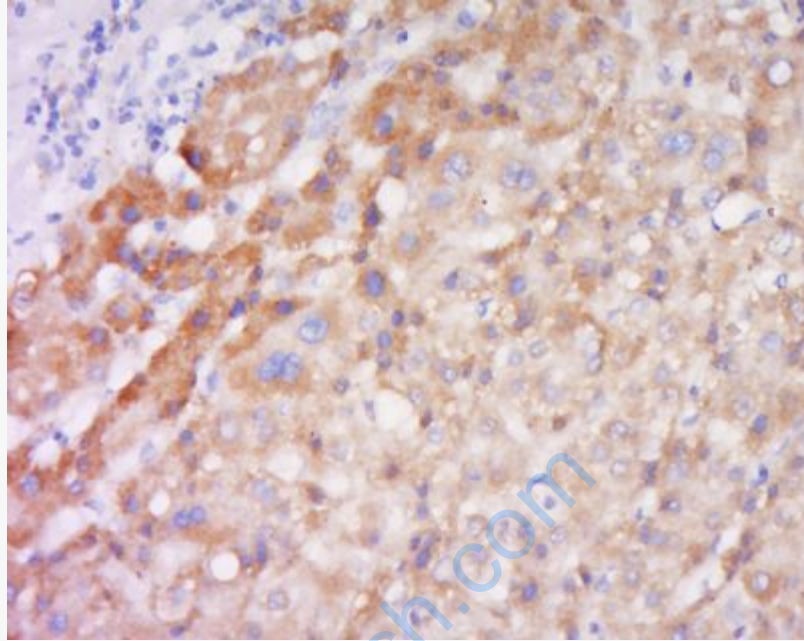
TSLP可能是过敏性疾病最重要的引发剂, 已得到科学家的重视, 如果证实了

TSLP是一种起始因子, 抑制TSLP可以有效地治疗哮喘和其它过敏性疾病。

Picture:



Sample: Lane1:K562 Cell Lysate at 30ug Lane2: Raji Cell Lysate at 30ug Primary:
Anti-TSLP (SL0449R) at 1:300 dilution; Secondary: HRP conjugated Goat-Anti-
rabbit IgG(SL0449R) at 1: 5000 dilution; Predicted band size: 15 kD Observed band
size: 17 kD



Tissue/cell: human liver carcinoma; 4% Paraformaldehyde-fixed and paraffin-embedded;

Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum,C-0005) at 37°C for 20 min;

Incubation: Anti-TSLP Polyclonal Antibody, Unconjugated(SL0449R) 1:500, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining