

TSLP Antibody (Internal)

Rabbit Polyclonal Antibody Catalog # ALS12687

Specification

TSLP Antibody (Internal) - Product Information

Application IF, WB, IHC Primary Accession Q969D9

Reactivity Human, Mouse

Host Rabbit
Clonality Polyclonal
Calculated MW 18kDa KDa

TSLP Antibody (Internal) - Additional Information

Gene ID 85480

Other Names

Thymic stromal lymphopoietin, TSLP

Target/Specificity

19 amino acid peptide from near the center of human TSLP.

Reconstitution & Storage

Short term 4°C, long term aliquot and store at -20°C, avoid freeze thaw cycles. Store undiluted.

Precautions

TSLP Antibody (Internal) is for research use only and not for use in diagnostic or therapeutic procedures.

TSLP Antibody (Internal) - Protein Information

Name TSLP

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.

Cellular Location

Secreted.

Tissue Location

Isoform 1 is expressed in a number of tissues including heart, liver and prostate. Isoform 2 is the predominant form in keratinocytes of oral mucosa, skin and in salivary glands. It is secreted into saliva.

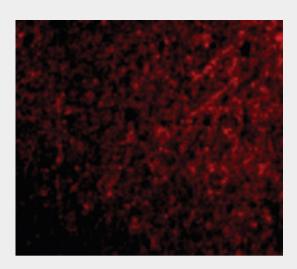


TSLP Antibody (Internal) - Protocols

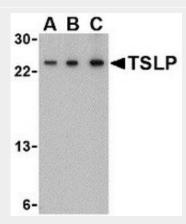
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- <u>Immunohistochemistry</u>
- <u>Immunofluorescence</u>
- <u>Immunoprecipitation</u>
- Flow Cytomety
- Cell Culture

TSLP Antibody (Internal) - Images

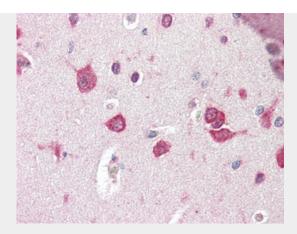


Immunofluorescence of TSLP in Human Brain cells with TSLP antibody at 20 ug/ml.

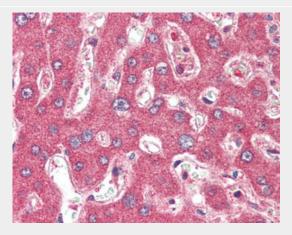


Western blot of TSLP in A-20 cell lysate with TSLP antibody at (A) 0.5, (B) 1 and (C) 2 ug/ml.





Anti-TSLP antibody IHC of human brain, cortex.



Anti-TSLP antibody IHC of human liver.

TSLP Antibody (Internal) - Background

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.

TSLP Antibody (Internal) - References

Reche P.A., et al.J. Immunol. 167:336-343(2001). Quentmeier H., et al.Leukemia 15:1286-1292(2001). Schmutz J., et al.Nature 431:268-274(2004). Mural R.J., et al.Submitted (SEP-2005) to the EMBL/GenBank/DDBJ databases. Allakhverdi Z., et al.J. Exp. Med. 204:253-258(2007).