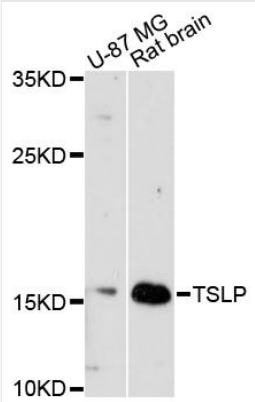
# TSLP Antibody – Rabbit Polyclonal

## PRODUCT OVERVIEW

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| **Product Name** | TSLP, Polyclonal Antibody |
| **Full Product Name** | TSLP Polyclonal Antibody |
| **Product Gene Name** | anti-TSLP antibody |
| **Immunogen Sequence** | YDFTNCDFEK IKAAYLSTIS KDLITYMSGT KSTEFNNTVS CSNRPHCLTE IQSLTFNPTA GCASLAKEMF AMKTKAALAI WCPGYSETQI NATQAMKKRR KRKVTTNKCL EQVSQLQGLW RRFNRPLLKQ Q |
| **Clonality** | Polyclonal |
| **Isotype** | IgG |
| **Host** | Rabbit |
| **Species Reactivity** | Human, Mouse, Rat |
| **Form/Format** | PBS with 0.05% proclin300,50% glycerol,pH7.3. |
| **Purity/Purification** | Affinity Purification |
| **Preparation and Storage** | Store at -20 degree C. Avoid freeze / thaw cycles. |
| **Molecular Weight** | Calculated: 7kDa; 18kDa<br>Observed: 18kDa |
| **OMIM** | AY037115 mRNA |
| **3D Structure** | ModBase 3D Structure for Q969D9 |
| **Immunogen** | Recombinant protein of human TSLP |
| **Immunogen Species** | Human |
| **Cellular Location** | Secreted |
| **Positive Samples** | U-87MG, Rat brain |
| **Product Categories/Family for anti-TSLP antibody** | Polyclonal Antibodies |
| **ISO Certification** | Manufactured in an ISO 9001:2015 Certified Laboratory. |
| **Applications Tested/Suitable for anti-TSLP antibody** | Western Blot (WB) |
| **Application Notes for anti-TSLP antibody** | WB: 1:500 - 1:2000 |
| **Related Product Information for anti-TSLP antibody** | 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. |
| **Other Notes** | Small volumes of anti-TSLP antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply. |

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| **Searchable Terms for TSLP purchase** | MBS9133182 is an antibody targeting TSLP. Also known as TSLP Polyclonal Antibody. Reactive in Human, Mouse, Rat. Host: Rabbit. |




**Western Blot (WB) of anti-TSLP antibody**
Western blot analysis of extracts of various cell lines, using TSLP antibody at 1:3000 dilution.Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (MBS128200) at 1:10000 dilution.Lysates/proteins: 25ug per lane.Blocking buffer: 3% nonfat dry milk in TBST.Detection: ECL Basic Kit.Exposure time: 90s.

## ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for TSLP. It may not necessarily be applicable to this product.

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| **NCBI GI #** | 14719428 |
| **NCBI GeneID** | 85480 |
| **NCBI Accession #** | NP_149024.1 |
| **UniProt Primary Accession #** | Q969D9 |
| **UniProt Secondary Accession #** | Q8IW99; Q96AU7; G3XAM8 |
| **UniProt Related Accession #** | Q969D9 |
| **GenBank Nucleotide #** | NM_033035.4 |
| **NCBI Official Full Name** | thymic stromal lymphopoietin isoform 1 |
| **NCBI Official Synonym Full Names** | thymic stromal lymphopoietin |
| **NCBI Official Symbol** | TSLP |
| **UniProt Protein Name** | Thymic stromal lymphopoietin |
| **Protein Family** | Thymic stromal lymphopoietin |
| **UniProt Gene Name** | TSLP |
| **NCBI Protein Information** | thymic stromal lymphopoietin |
| **UniProt Comments for TSLP** | 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. |
| **Research Articles on TSLP** | **1.** TSLP-induced phosphorylation of l-plastin is increased in atopic dermatitis and increases eosinophil migration. |
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