

Product datasheet for **TA322122**

TSLP Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB: 500-2000 WB positive control: Jurkat cells
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Full length fusion protein
Formulation:	PBS pH7.3, 0.05% NaN ₃ , 50% glycerol
Concentration:	lot specific
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	18 kDa
Gene Name:	thymic stromal lymphopoietin
Database Link:	NP_149024 Entrez Gene 85480 Human Q969D9



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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.

Synonyms:

thymic stromal lymphopoietin

Protein Families:

Druggable Genome

Protein Pathways:

Cytokine-cytokine receptor interaction, Jak-STAT signaling pathway

Product images:

Gel: 10+12+15%SDS-PAGE
Lysate: 40 µg
Lane: Jurkat cells
Primary antibody: TA322122 (TSLP Antibody) at dilution 1/850
Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution
Exposure time: 2 minutes