

Product Datasheet

TSLP Antibody - BSA Free NB110-55233-0.1mg

Unit Size: 0.1 mg

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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NB110-55233-0.1mg

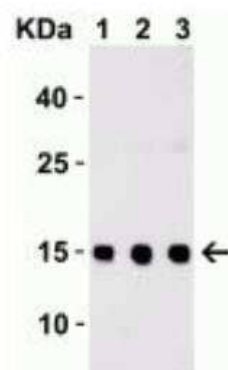
TSLP Antibody - BSA Free

Product Information	
Unit Size	0.1 mg
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Peptide affinity purified
Buffer	PBS
Target Molecular Weight	18 kDa
Product Description	
Host	Rabbit
Gene ID	85480
Gene Symbol	TSLP
Species	Human
Specificity/Sensitivity	Human TSLP has 2 isoforms, including isoform 1 (159aa, 18kD) and isoform 2 (63aa, 7kD). Mouse TSLP has one isoform (140aa, 16kD) and rat TSLP also has one isoform (135aa, 16kD). NB110-55233 can detect only human isoforms, but cannot detect mouse and rat TSLP.
Immunogen	Antibody was raised against a peptide corresponding to 17 amino acids near the carboxy terminus of human TSLP. The immunogen is located within the last 50 amino acids of TSLP. Amino Acid Sequence: ATQAMKKRRKRKVTTNK
Product Application Details	
Applications	Western Blot, ELISA, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 0.25-2 ug/mL, ELISA 1:100-1:2000, Immunohistochemistry 1:10-1:500, Immunohistochemistry-Paraffin 2.5 ug/ml

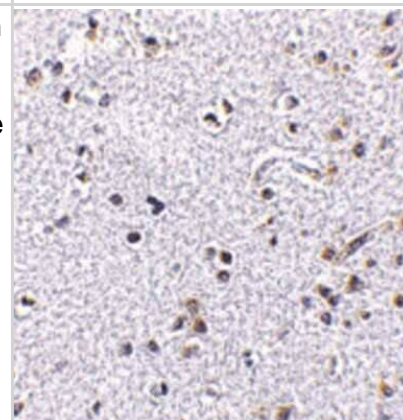


Images

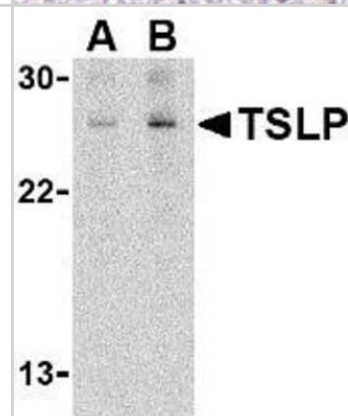
Western Blot: TSLP Antibody [NB110-55233] - Analysis of TSLP in Jurkat cell lysate with TSLP antibody at (A) 1 and (B) 2 ug/mL



Immunohistochemistry-Paraffin: TSLP Antibody [NB110-55233] - Human Brain Tissue using anti-TSLP antibody at 2.5 ug/ml. Tissue was fixed with formaldehyde and blocked with 10% serum for 1 h at RT; antigen retrieval was by heat mediation with a citrate buffer (pH6). Samples were incubated with primary antibody overnight at 4C. A goat anti-rabbit IgG H&L (HRP) at 1/250 was used as secondary. Counter stained with Hematoxylin.



Western Blot: TSLP Antibody [NB110-55233] - Jurkat cell lysate with TSLP antibody at (A) 1 and (B) 2 ug/ml.



Publications

Ziegler SF Liu Y-J. Thymic stromal lymphopoietin in normal pathogenic T cell development function. *Nature Immunol*; 7:709-14. 2006-01-01 [PMID: 16785889]

Quentmeier H, Drexler HG, Fleckenstein D et al. Cloning of human thymic stromal lymphopoietin (TSLP) signaling mechanisms leading to proliferation. *Leukemia*; 15:1286-92. 2001-01-01 [PMID: 11480573]

Sims JE, Williams DE, Morrissey PJ et al. Molecular cloning biological characterization of a novel murine lymphoid growth factor. *J Exp Med*; 192:671-80. 2000-01-01 [PMID: 10974033]

Levin SD, Koelling RM, Friend SL et al. Thymic stromal lymphopoietin: a cytokine that promotes the development of IgM+ cells in vitro signals via a novel mechanism. *J Immunol*; 162:677-83. 1999-01-01 [PMID: 9916685]

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Products Related to NB110-55233-0.1mg

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP2-35083-10ug	Recombinant Human TSLP Protein

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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