

# Product Datasheet

## TSLP Antibody - BSA Free NB110-55233

Unit Size: 0.025 mg

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

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[technical@novusbio.com](mailto:technical@novusbio.com)

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**NB110-55233**

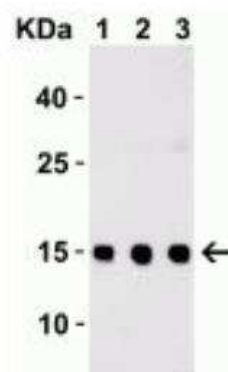
TSLP Antibody - BSA Free

<b>Product Information</b>	
<b>Unit Size</b>	0.025 mg
<b>Concentration</b>	1 mg/ml
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	0.02% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	Peptide affinity purified
<b>Buffer</b>	PBS
<b>Target Molecular Weight</b>	18 kDa
<b>Product Description</b>	
<b>Host</b>	Rabbit
<b>Gene ID</b>	85480
<b>Gene Symbol</b>	TSLP
<b>Species</b>	Human
<b>Specificity/Sensitivity</b>	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.
<b>Immunogen</b>	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
<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, Immunohistochemistry-Paraffin, ELISA, Immunohistochemistry
<b>Recommended Dilutions</b>	Western Blot 0.25-2 ug/mL, ELISA 1:100-1:2000, Immunohistochemistry 1:10-1:500, Immunohistochemistry-Paraffin 2.5 ug/ml

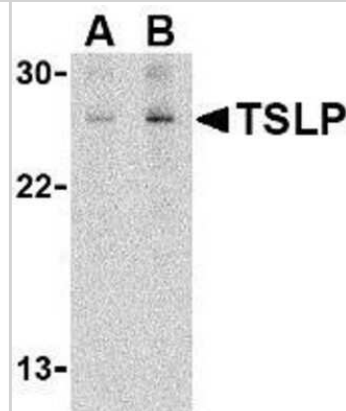


## Images

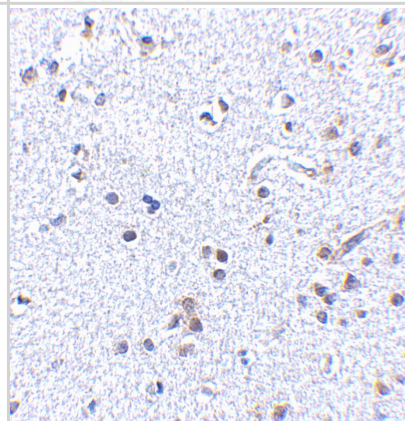
Western Blot: TSLP Antibody [NB110-55233] - Analysis of TSLP in Jurkat cell lysate with TSLP antibody at (A) 1 and (B) 2 ug/mL



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



Immunohistochemistry: TSLP Antibody - BSA Free [NB110-55233] - Figure 3 Immunohistochemistry Validation of TSLP in Human Brain Tissue Immunohistochemical analysis of paraffin-embedded Human Brain Tissue using anti-TSLP antibody at 2.5 u/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.



## 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]



### **Novus Biologicals USA**

10730 E. Briarwood Avenue  
Centennial, CO 80112  
USA  
Phone: 303.730.1950  
Toll Free: 1.888.506.6887  
Fax: 303.730.1966  
nb-customerservice@bio-techne.com

### **Bio-Techne Canada**

21 Canmotor Ave  
Toronto, ON M8Z 4E6  
Canada  
Phone: 905.827.6400  
Toll Free: 855.668.8722  
Fax: 905.827.6402  
canada.inquires@bio-techne.com

### **Bio-Techne Ltd**

19 Barton Lane  
Abingdon Science Park  
Abingdon, OX14 3NB, United Kingdom  
Phone: (44) (0) 1235 529449  
Free Phone: 0800 37 34 15  
Fax: (44) (0) 1235 533420  
info.EMEA@bio-techne.com

### **General Contact Information**

www.novusbio.com  
Technical Support: nb-technical@bio-techne.com  
Orders: nb-customerservice@bio-techne.com  
General: novus@novusbio.com

### **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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