

# Product Datasheet

## Th-POK Antibody - BSA Free

### NBP1-88077

Unit Size: 0.1 ml

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

[www.novusbio.com](http://www.novusbio.com)



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

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Updated 12/2/2025 v.20.1

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**NBP1-88077**

Th-POK Antibody - BSA Free

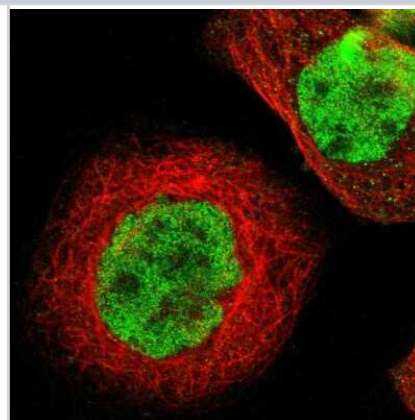
Product Information	
<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	0.02% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	Affinity purified
<b>Buffer</b>	PBS (pH 7.2) and 40% Glycerol

Product Description	
<b>Description</b>	Novus Biologicals Rabbit Th-POK Antibody - BSA Free (NBP1-88077) is a polyclonal antibody validated for use in IHC and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Rabbit
<b>Gene ID</b>	51043
<b>Gene Symbol</b>	ZBTB7B
<b>Species</b>	Human
<b>Reactivity Notes</b>	Mouse (82%), Rat (83%).
<b>Immunogen</b>	This antibody was developed against Recombinant Protein corresponding to amino acids: AHPLTYEEEEVAGRVGSSGGSGPGDSYSPTGTASPPEGPQSYEPYEGEEEE EELVYPPAYGLAQGGGPPLSPEELGSEDAIDPDLMAYLSSLHQDNLAPGLDS QDKLVRKRRSQMPQECVPCHKII

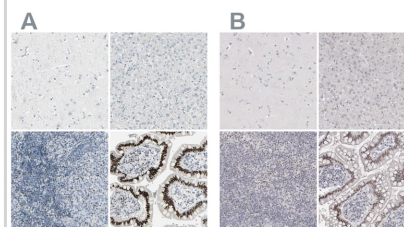
Product Application Details	
<b>Applications</b>	Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
<b>Recommended Dilutions</b>	Immunohistochemistry 1:50 - 1:200, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:50 - 1:200
<b>Application Notes</b>	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100.

**Images**

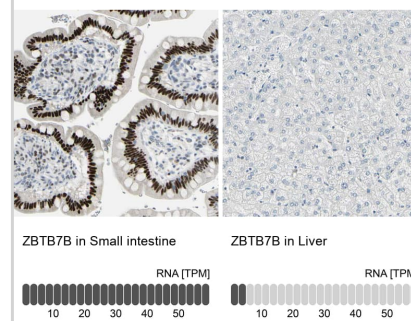
Immunocytochemistry/Immunofluorescence: Th-POK Antibody [NBP1-88077] - Staining of human cell line A-431 shows localization to nucleoplasm. Antibody staining is shown in green.



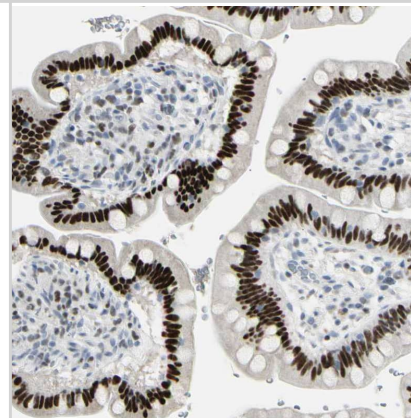
Staining of human cerebral cortex, liver, lymph node and small intestine using Anti-ZBTB7B antibody NBP1-88077 (A) shows similar protein distribution across tissues to independent antibody NBP1-88078 (B).



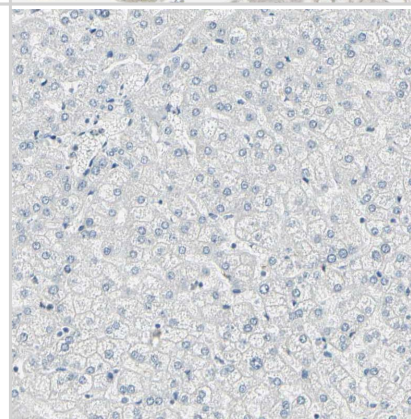
Analysis in human small intestine and liver tissues using HPA006811 antibody. Corresponding ZBTB7B RNA-seq data are presented for the same tissues.



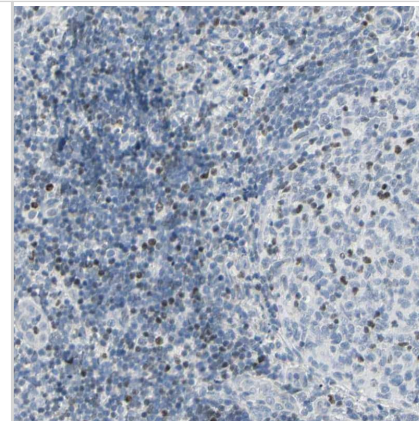
Staining of human small intestine shows strong nuclear positivity in glandular cells.



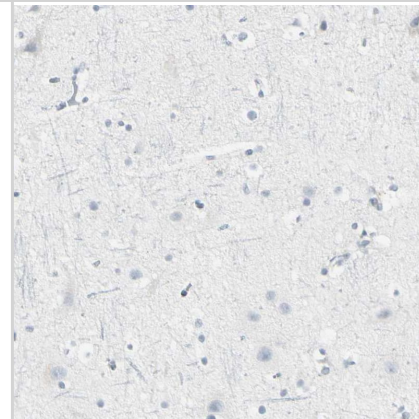
Staining of human liver shows no positivity in hepatocytes as expected.



Staining of human lymph node shows strong nuclear positivity in a subset of non-germinal center cells.



Staining of human cerebral cortex shows no positivity in neurons as expected.



## Publications

Bao C, Wang F, Wang X et al. ThPOK and Runx3 Regulate the Differentiation of CD4+CD8<sup>???</sup>+ IELs in Oral Lichen Planus Research Square 2023-10-10 (ICC/IF, IHC-P, Human)

Details:

IHC-P Dilution 1:50; ICC/IF Dilution 1:500



### **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

### **Products Related to NBP1-88077**

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NBP1-88077PEP	Th-POK Recombinant Protein Antigen
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

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### **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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