

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.

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Updated 9/9/2025 v.20.1

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NBP1-88077

Th-POK Antibody - BSA Free

Product Information

Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
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	Immunogen affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol

Product Description

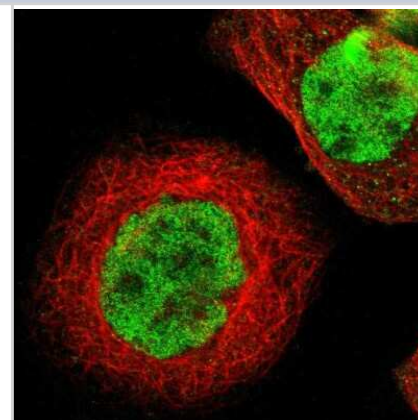
Description	Novus Biologicals Rabbit Th-POK Antibody - BSA Free (NBP1-88077) is a polyclonal antibody validated for use in IHC and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	51043
Gene Symbol	ZBTB7B
Species	Human
Reactivity Notes	Mouse (82%), Rat (83%).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

Product Application Details

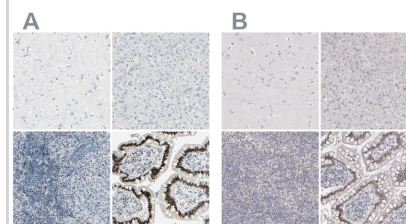
Applications	Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Immunohistochemistry 1:50 - 1:200, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:50 - 1:200
Application Notes	For IHC-Paraffin, HIER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

Images

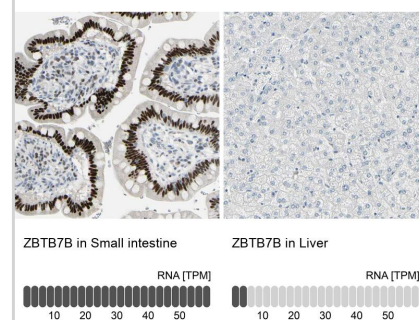
Immunocytochemistry/Immunofluorescence: Th-POK Antibody [NBP1-88077] - Staining of human cell line A-431 shows localization to nucleoplasm. Antibody staining is shown in green.



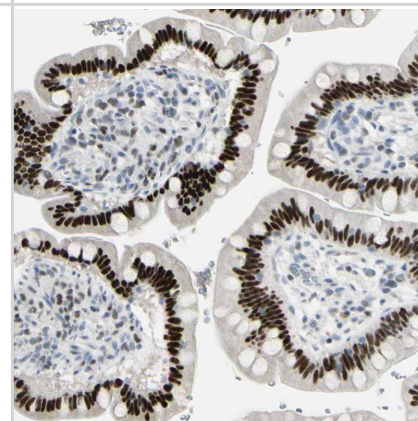
Staining of human cerebral cortex, liver, lymph node and small intestine using Anti-ZBTB7B antibody NBP1-88077 (A) shows similar protein distribution across tissues to independent antibody NBP1-88078 (B).



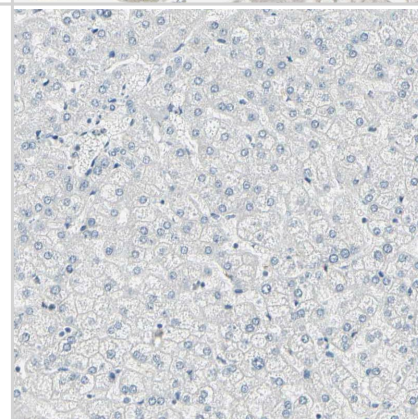
Analysis in human small intestine and liver tissues using HPA006811 antibody. Corresponding ZBTB7B RNA-seq data are presented for the same tissues.



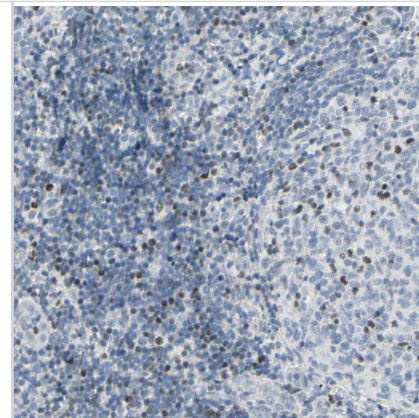
Staining of human small intestine shows strong nuclear positivity in glandular cells.



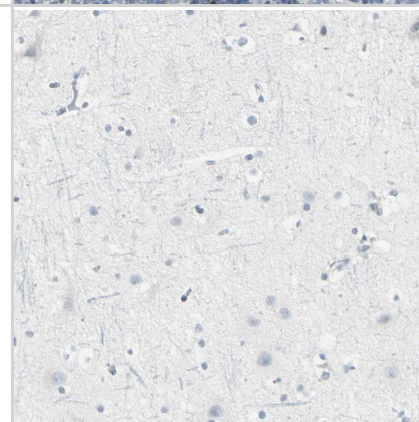
Staining of human liver shows no positivity in hepatocytes as expected.



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^{??}+ 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



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Products Related to NBP1-88077

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

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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