

Product Datasheet

BCL11B Antibody NB100-2600

Unit Size: 0.1 ml

Store at 4C. Do not freeze.

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NB100-2600**BCL11B Antibody**

Product Information	
Unit Size	0.1 ml
Concentration	0.25 mg/ml
Storage	Store at 4C. Do not freeze.
Clonality	Polyclonal
Preservative	0.09% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	TBS and 0.1% BSA

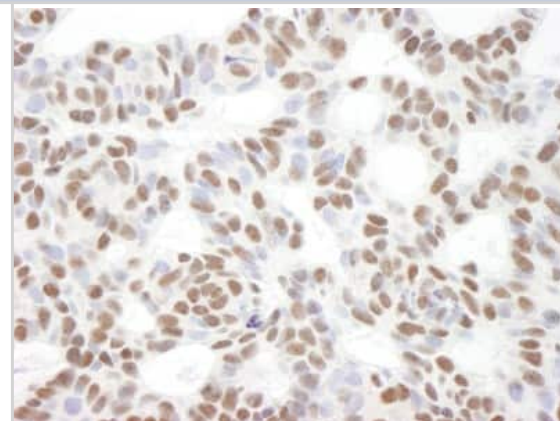
Product Description	
Description	Novus Biologicals Rabbit BCL11B Antibody (NB100-2600) is a polyclonal antibody validated for use in IHC and ICC/IF. Anti-BCL11B Antibody: Cited in 7 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	64919
Gene Symbol	BCL11B
Species	Human, Mouse, Rat
Reactivity Notes	Rat reactivity reported in scientific literature (PMID: 26465886). Mouse reactivity reported from a verified customer review. Gorilla, <i>X.tropicalis</i> (100%).
Immunogen	The immunogen recognized by this antibody maps to a region between residue 850 and the C-terminus (residue 894) of human B-cell CLL/lymphoma 11B using the numbering given in Swiss-Prot entry Q9C0K0 (GeneID 64919).

Product Application Details	
Applications	Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen
Recommended Dilutions	Immunohistochemistry 1:100-1:500, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin 1:100-1:500, Immunohistochemistry-Frozen
Application Notes	Epitope exposure is recommended to enhance staining. ICC/IF reactivity reported in scientific literature (PMID: 24155294). IHC-F reactivity reported in scientific literature (PMID: 24155294). BCL11B antibody validated for IHC-P from a verified customer review.

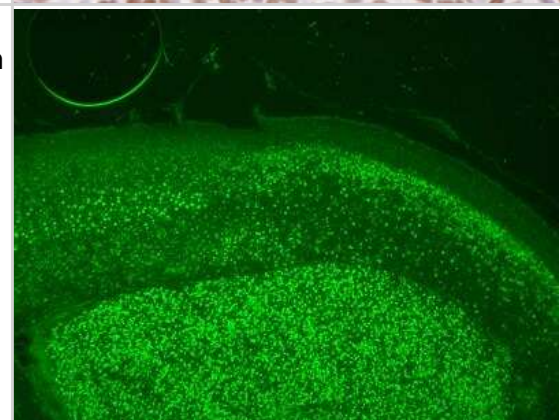


Images

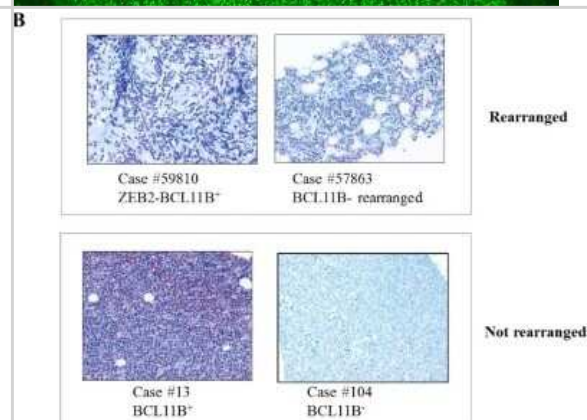
Immunohistochemistry-Paraffin: BCL11B Antibody [NB100-2600] - Section of human skin tumor (higher magnification). Antibody: Affinity purified rabbit anti-Bcl11b used at a dilution of 1:500. Detection: DAB staining using anti-Rabbit IHC antibody at a dilution of 1:100.



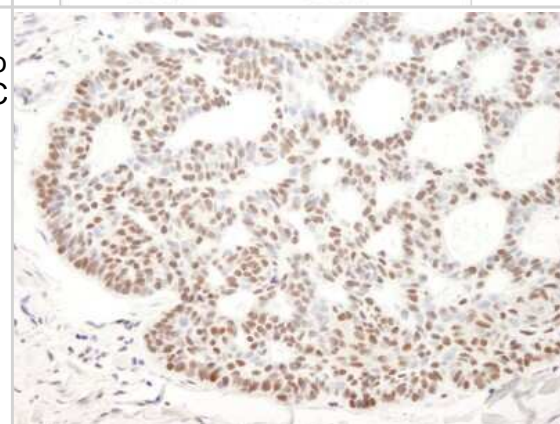
Immunohistochemistry-Paraffin: BCL11B Antibody [NB100-2600] - P7 brain mouse section was stained with anti-BCL11B antibody. Image from verified customer review.



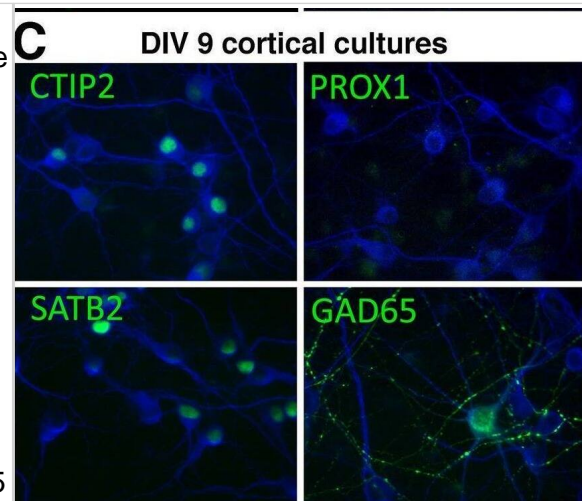
Immunohistochemistry: BCL11B Antibody [NB100-2600] - Immunohistochemistry and FISH of AML cases. Immunohistochemistry analysis of BCL11B-expressing AML samples #59810, #57863 and #13 carrying t(2;14)(q22.3;q32.3), t(7;14)(q21q32) and no 14q32 alteration, respectively. BCL11B expression was detected in samples regardless of the presence of the 14q32 alterations. The expression was limited to the nucleus and the percentage of positive neoplastic cells was always \geq 50%. Image collected and cropped by CiteAb from the following publication (<https://www.mdpi.com/2072-6694/11/12/1951>), licensed under a CC-BY license.



Immunohistochemistry-Paraffin: BCL11B Antibody [NB100-2600] - Section of human skin tumor. Antibody: Affinity purified rabbit anti-Bcl11b used at a dilution of 1:500. Detection: DAB staining using anti-Rabbit IHC antibody at a dilution of 1:100.



Time course of expression of Ctip2, Satb2, GAD65 in cultures derived from E18 rat hippocampus or cortex. (A) DIV9 hippocampal neurons were stained with MAP2 and counterstained against Ctip2, Prox1, Satb2, and GAD65. (B) E18 hippocampal cultures were stained at DIV1, 3, 9, 18 as in (A) and the proportion among MAP2-positive neurons was quantified in three separate experiments. Means and standard deviations are shown. Black bars = Ctip2-positive; brick bars = Satb2-positive; white bars = Prox1-positive; striped bars = GAD65-positive. In each experiment, 300 to >1000 MAP2-positive neurons were counted. (C) DIV9 cortical neurons were stained with MAP2 and counterstained against Ctip2, Prox1, Satb2, and GAD65. (D) E18 cortical cultures were stained at DIV1, 3, 9, 18 as in (C) and the proportion among MAP2-positive neurons was quantified in three separate experiments. Means and standard deviations are shown. Black bars = Ctip2-positive; brick bars = Satb2-positive; white bars = Prox1-positive; striped bars = GAD65-positive. In each experiment, 300 to >1000 MAP2-positive neurons were counted. Image collected and cropped by CiteAb from the following open publication (<https://pubmed.ncbi.nlm.nih.gov/26465886>), licensed under a CC-BY license. Not internally tested by Novus Biologicals.



Publications

Bakalar D, O'Reilly JJ, Lacaille H et al. Lack of placental neurosteroid alters cortical development and female somatosensory function *Front Endocrinol (Lausanne)* 2022-10-13 [PMID: 36313771] (Immunohistochemistry, Mouse)

Wang Y, Zhang F, Gao N et al. Differential expression of BCL11b and CDKN2A in CD30-positive peripheral T cell lymphoma: Retrospective study *Medicine* 2023-11-17 [PMID: 37986346] (IHC-P, Human)

Traunmüller L, Schulz J, Ortiz R et al. A cell-type-specific alternative splicing regulator shapes synapse properties in a trans-synaptic manner *Cell reports* 2023-02-28 [PMID: 36862556] (IHC, Mouse)

Padella A, Simonetti G, Paciello G, et al. Novel and Rare Fusion Transcripts Involving Transcription Factors and Tumor Suppressor Genes in Acute Myeloid Leukemia Cancers (Basel) 2019-12-05 [PMID: 31817495] (IF/IHC, Human)

Digilio L, Yap CC, Winckler B. Ctip2-, Satb2-, Prox1-, and GAD65-Expressing Neurons in Rat Cultures: Preponderance of Single- and Double-Positive Cells, and Cell Type-Specific Expression of Neuron-Specific Gene Family Members, Nsg-1 (NEEP21) and Nsg-2 (P19). *PLoS One* 2015-01-01 [PMID: 26465886] (Rat)

Carpentier PA, Haditsch U, Braun AE et al. Stereotypical alterations in cortical patterning are associated with maternal illness-induced placental dysfunction. *J Neurosci.* 2013-10-23 [PMID: 24155294] (IHC-Fr, ICC/IF, Mouse)

Beguín S, Crepel V, Aniksztejn L, Becq H, Pelosi B, Pallesi-Pocachard E, Bouamrane L, Pasqualetti M, Kitamura K, Cardoso C, Represa A. An Epilepsy-Related ARX Polyalanine Expansion Modifies Glutamatergic Neurons Excitability and Morphology Without Affecting GABAergic Neurons Development. *Cereb Cortex.* 2012-05-24 [PMID: 22628459] (IF/IHC, Mouse)



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 NB100-2600

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP2-33549PEP	BCL11B Recombinant Protein Antigen

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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