

Product Datasheet

BCL11B Antibody - BSA Free

NB600-262

Unit Size: 100 ul

Store at 4C. Do not freeze.

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NB600-262

BCL11B Antibody - BSA Free

Product Information	
Unit Size	100 ul
Concentration	1.0 mg/ml
Storage	Store at 4C. Do not freeze.
Clonality	Polyclonal
Preservative	0.09% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	Tris-Citrate/Phosphate (pH 7.0 - 8.0)

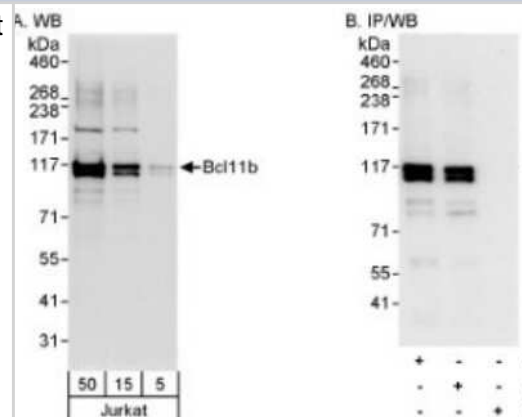
Product Description	
Host	Rabbit
Gene ID	64919
Gene Symbol	BCL11B
Species	Human, Mouse
Reactivity Notes	Mouse reactivity reported in scientific literature (PMID: 22028030).
Specificity/Sensitivity	NB600-262 is specific for human Bcl-11b protein.
Immunogen	A synthetic peptide which maps to a region between residues 1 and 50 of human B-cell CLL/lymphoma 11B using the numbering given in Swiss-Prot entry Q9C0K0 (GeneID 64919).

Product Application Details	
Applications	Western Blot, Immunohistochemistry, Immunoprecipitation
Recommended Dilutions	Western Blot 1:2000-1:10000, Immunohistochemistry, Immunoprecipitation 2-5 ug/mg lysate
Application Notes	Optimal working dilutions should be determined experimentally by the investigator. Prepare working dilution immediately before use. IHC reactivity reported in (PMID: 22028030).

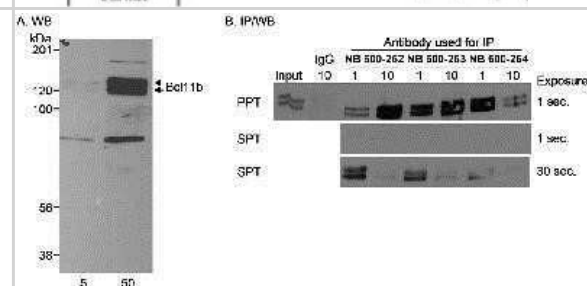


Images

Western Blot: BCL11B Antibody [NB600-262] - Samples: Nuclear extract (5, 15 and 50 ug for WB, 1 mg for IP) from Jurkat cells. Antibodies: Affinity purified rabbit anti-Bcl11b antibody .



Immunoprecipitation: BCL11B Antibody [NB600-262] - Detection of Human Bcl11b on HeLa whole cell lysate using NB600-262. Bcl11b was also immunoprecipitated using affinity purified rabbit anti-Bcl11b antibodies NB600-263 and NB600-264.



Publications

Watanabe K, Takebayashi H, Bepari AK et al. Dpy19l1, a multi-transmembrane protein, regulates the radial migration of glutamatergic neurons in the developing cerebral cortex. Development 2011-11-01 [PMID: 22028030] (IF/IHC, Mouse)

Inoue J, Ihara Y, Tsukamoto D et al. Identification of BCL11B as a regulator of adipogenesis Sci Rep 2016-09-02 [PMID: 27586877] (IP, Human)

Fujimoto R, Ozawa T, Itoyama T et al. HELIOS-BCL11B fusion gene involvement in a t(2;14)(q34;q32) in an adult T-cell leukemia patient. Cancer Genet 2012-07-01 [PMID: 22867996]

Le Douce V, Colin L, Redel L et al. LSD1 cooperates with CTIP2 to promote HIV-1 transcriptional silencing. Nucleic Acids Res 2012-03-01 [PMID: 22067449]

Tang B, Di Lena P, Schaffer L et al. Genome-wide identification of Bcl11b gene targets reveals role in brain-derived neurotrophic factor signaling. PLoS One 2011-01-01 [PMID: 21912641]

Zhang S, Rozell M, Verma RK et al. Antigen-specific clonal expansion and cytolytic effector function of CD8+ T lymphocytes depend on the transcription factor Bcl11b. J Exp Med 2010-08-01 [PMID: 20660613]

Cismasiu VB, Ghanta S, Duque J et al. BCL11B participates in the activation of IL2 gene expression in CD4+ T lymphocytes. Blood 2006-10-01 [PMID: 16809611]



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Products Related to NB600-262

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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