

Anti-B MyB Antibody

Catalog # ABO11231

Product Information

Application	WB, IHC-P, ICC
Primary Accession	P10244
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Format	Lyophilized
Description	Rabbit IgG polyclonal antibody for Myb-related protein B(MYBL2) detection. Tested with WB, IHC-P, ICC in Human;Mouse;Rat.
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.

Additional Information

Gene ID	4605
Other Names	Myb-related protein B, B-Myb, Myb-like protein 2, MYBL2, BMYB
Calculated MW	78764
Application Details	Immunocytochemistry , 0.5-1 μ g/ml, Human, Mouse, Rat Immunohistochemistry(Paraffin-embedded Section), 0.5-1 μ g/ml, Human, Rat, Mouse, By Heat Western blot, 0.1-0.5 μ g/ml, Human, Rat, Mouse
Subcellular Localization	Nucleus.
Source	Eukaryota
Protein Name	Myb-related protein B
Contents	Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na ₂ HPO ₄ , 0.05mg Thimerosal, 0.05mg NaN ₃ .
Immunogen	A synthetic peptide corresponding to a sequence at the N-terminus of human B MyB(1-17aa MSRRTRCEDLDELHYQD), identical to the related mouse sequence and different from the related rat sequence by two amino acids.
Purification	Immunogen affinity purified.
Cross Reactivity	No cross reactivity with other proteins
Storage	At -20 °C for one year. After r ° Constitution, at 4 °C for one month. It ° Can also be aliquotted and stored frozen at -20 °C for a longer time.Avoid repeated

Sequence Similarities

freezing and thawing.
Contains 3 HTH myb-type DNA-binding domains.

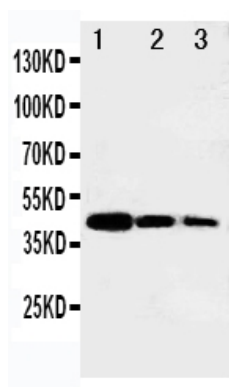
Protein Information

Name	MYBL2
Synonyms	BMYP
Function	Transcription factor involved in the regulation of cell survival, proliferation, and differentiation. Transactivates the expression of the CLU gene.
Cellular Location	Nucleus.

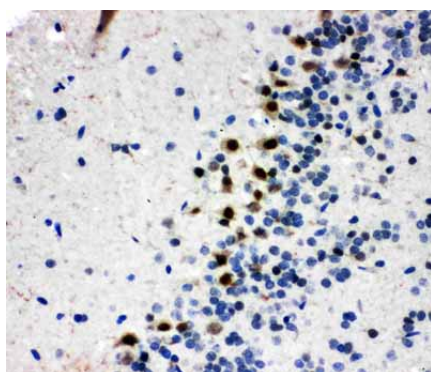
Background

MYBL2(V-MYB avian myeloblastosis viral oncogene homolog-like 2), also called MYB-RELATED GENE BMYP, is a protein that in humans is encoded by the MYBL2 gene. The protein encoded by this gene, a member of the MYB family of transcription factor genes, is a nuclear protein involved in cell cycle progression. Barletta et al.(1991) assigned the MYBL2 gene to chromosome Xq13. However, Noben-Trauth et al.(1996) demonstrated that this assignment was an error. Using mouse Mybl2 cDNA clones as probes, they assigned Mybl2 in an interspecific backcross panel to distal mouse chromosome 2. Using human cDNA probes in combination with fluorescence in situ hybridization analysis, they localized MYBL2 to chromosome 20q13.1, a region that is commonly deleted in myeloid disorders and shows high homology of synteny to mouse chromosome 2. It has been shown to activate the cell division cycle 2, cyclin D1, and insulin-like growth factor-binding protein 5 genes. Transcript variants may exist for this gene, but their full-length natures have not been determined.

Images

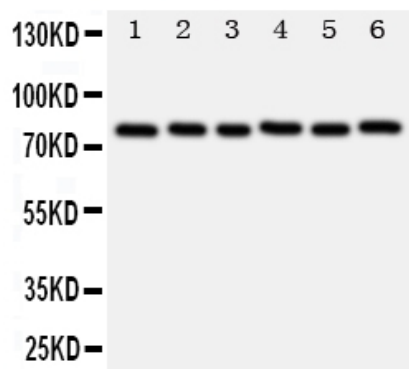


Anti-B MyB antibody, ABO11231, Western blotting
Recombinant Protein Detection Source: E.coli derived -recombinant Human MYBL2, 46.8KD(162aa tag+M1-L245)
Lane 1: Recombinant Human MYBL2 Protein 10ng
Lane 2: Recombinant Human MYBL2 Protein 5ng
Lane 3: Recombinant Human MYBL2 Protein 2.5ng

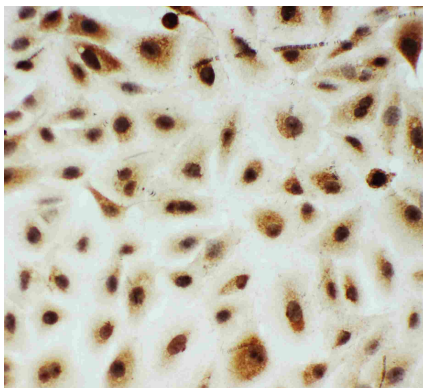


Anti-B MyB antibody, ABO11231, IHC(P)
IHC(P): Rat Brain Tissue

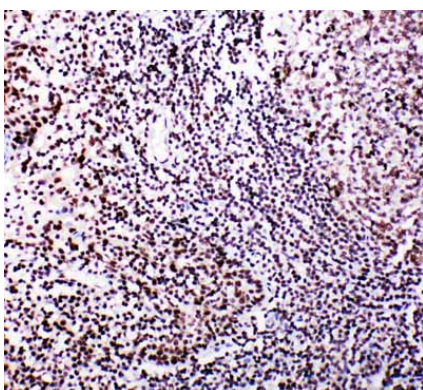
Anti-B MyB antibody, ABO11231, Western blotting
Lane 1:



Rat Spleen Tissue Lysate Lane 2: Rat Thymus Tissue Lysate
 Lane 3: Rat Brain Tissue Lysate Lane 4: HELA Cell Lysate
 Lane 5: COLO320 Cell Lysate Lane 6: MCF-7 Cell Lysate



Anti-B MyB antibody, ABO11231, ICC ICC: A549 Cell



Anti-B MyB antibody, ABO11231, IHC(P) IHC(P): Human Tonsil Tissue

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.