

Datasheet for ABIN3029533
anti-MYBL2 antibody (N-Term)

8 Images

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Overview

Quantity:	100 µg
Target:	MYBL2
Binding Specificity:	N-Term
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MYBL2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunocytochemistry (ICC)

Product Details

Immunogen:	An amino acid sequence from the N-terminus of human MYBL2/B-MYB (MSRRTRCEDLDELHYQD) was used as the immunogen for this MYBL2 antibody (100% mouse homology).
Isotype:	IgG
Purification:	Antigen affinity

Target Details

Target:	MYBL2
Alternative Name:	MYBL2 (MYBL2 Products)
Background:	V-MYB avian myeloblastosis viral oncogene homolog-like 2, also called MYB-related gene B-

Target Details

MYB, 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 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 the gene 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.

UniProt: [P10244](#)

Pathways: [Cell Division Cycle](#), [Mitotic G1-G1/S Phases](#), [Chromatin Binding](#)

Application Details

Application Notes: The stated application concentrations are suggested starting amounts. Titration of the MYBL2 antibody may be required due to differences in protocols and secondary/substrate sensitivity.\.
Western blot: 0.5-1 µg/mL,IHC (Paraffin): 0.5-1 µg/mL,Immunocytochemistry: 0.5-1 µg/mL

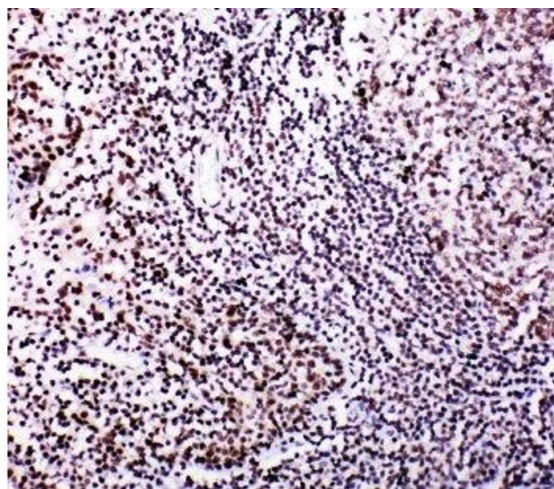
Restrictions: For Research Use only

Handling

Buffer: 0.5 mg/mL if reconstituted with 0.2 mL sterile DI water

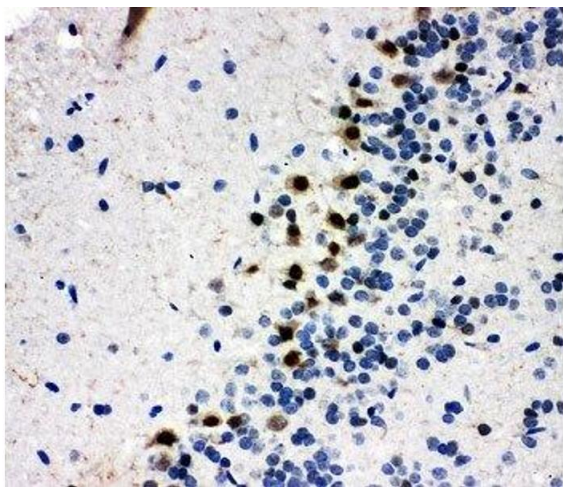
Storage: -20 °C

Storage Comment: After reconstitution, the MYBL2 antibody can be stored for up to one month at 4°C. For long-term, aliquot and store at -20°C. Avoid repeated freezing and thawing.



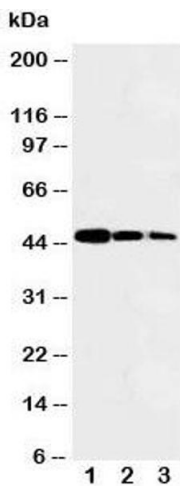
Immunohistochemistry

Image 1. IHC-P: MYBL2 antibody testing of human tonsil tissue



Immunohistochemistry

Image 2. IHC-P: MYBL2 antibody testing of rat brain tissue



Western Blotting

Image 3. Western blot testing with MYBL2 antibody and recombinant protein, 47KD with tag; Lane 1: Recombinant protein at 10ng; 2: 5ng; 3: 2.5ng

Please check the [product details page](#) for more images. Overall 8 images are available for ABIN3029533.