

**MYBL1 Antibody (Center)**  
**Affinity Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP17588C**

**Specification**

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**MYBL1 Antibody (Center) - Product Information**

Application	WB,E
Primary Accession	<a href="#">P10243</a>
Other Accession	<a href="#">NP_001073885.1</a>
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	85887
Antigen Region	510-536

**MYBL1 Antibody (Center) - Additional Information**

**Gene ID** 4603

**Other Names**

Myb-related protein A, A-Myb, Myb-like protein 1, MYBL1, AMYB

**Target/Specificity**

This MYBL1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 510-536 amino acids from the Central region of human MYBL1.

**Dilution**

WB~~1:1000

**Format**

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

**Storage**

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

**Precautions**

MYBL1 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

**MYBL1 Antibody (Center) - Protein Information**

**Name** MYBL1

**Synonyms** AMYB

**Function** Transcription factor that specifically recognizes the sequence 5'-YAAC[GT]G-3' (PubMed:[7987850](#), PubMed:[8058310](#)). Acts as a master regulator of male meiosis by promoting expression of piRNAs: activates expression of both piRNA precursor RNAs and expression of protein-coding genes involved in piRNA metabolism (By similarity). The piRNA metabolic process mediates the repression of transposable elements during meiosis by forming complexes composed of piRNAs and Piwi proteins and governs the methylation and subsequent repression of transposons, which is essential for the germline integrity (By similarity). Transcriptional activator of SOX30 (By similarity).

**Cellular Location**

Nucleus {ECO:0000250|UniProtKB:P51960}.

**Tissue Location**

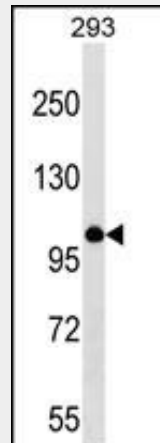
Expressed in a variety of lymphoid and solid tumor lines cultured in vitro

**MYBL1 Antibody (Center) - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

**MYBL1 Antibody (Center) - Images**



MYBL1 Antibody (Center) (Cat. #AP17588c) western blot analysis in 293 cell line lysates (35ug/lane). This demonstrates the MYBL1 antibody detected the MYBL1 protein (arrow).

**MYBL1 Antibody (Center) - Background**

Strong transcriptional activator; DNA-binding protein that specifically recognize the sequence 5'-YAAC[GT]G-3'. Could have a role in the proliferation and/or differentiation of neurogenic, spermatogenic and B-lymphoid cells.

**MYBL1 Antibody (Center) - References**

Takahashi, T., et al. FEBS Lett. 358(1):89-96(1995)  
Ma, X.P., et al. Cancer Res. 54(24):6512-6516(1994)  
Golay, J., et al. Oncogene 9(9):2469-2479(1994)  
Barletta, C., et al. Cancer Res. 51(14):3821-3824(1991)  
Nomura, N., et al. Nucleic Acids Res. 16(23):11075-11089(1988)