

**MYBL1 Antibody (Center) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP17588c****Specification**

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**MYBL1 Antibody (Center) Blocking Peptide - Product Information**Primary Accession [P10243](#)**MYBL1 Antibody (Center) Blocking Peptide - Additional Information****Gene ID** 4603**Other Names**

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

**Format**

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

**Storage**

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

**Precautions**

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

**MYBL1 Antibody (Center) Blocking Peptide - Protein Information****Name** MYBL1**Synonyms** AMYB**Function**

Transcription factor that specifically recognizes the sequence 5'-YAAC[GT]G-3' (PubMed:<a href="http://www.uniprot.org/citations/8058310" target="\_blank">8058310</a>, PubMed:<a href="http://www.uniprot.org/citations/7987850" target="\_blank">7987850</a>). 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) Blocking Peptide - Protocols**

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

- [Blocking Peptides](#)

**MYBL1 Antibody (Center) Blocking Peptide - Images****MYBL1 Antibody (Center) Blocking Peptide - 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) Blocking Peptide - 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)