10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.622.0609

MYBL1 Antibody (Center)

Affinity Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP17588C

Specification

MYBL1 Antibody (Center) - Product Information

Application	**WB,E**
Primary Accession	P10243
Other Accession	NP_001073885.1
Reactivity	**Human**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**Rabbit Ig**
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

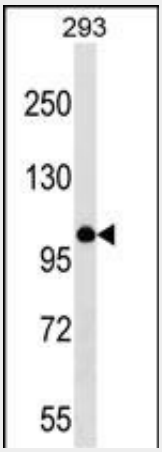
Target/Specificity
This MYBL1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 510-536 amino acids from the Central region of human MYBL1.

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) (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)

10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.622.0609

MYBL1 Antibody (Center) - Protein Information

Name MYBL1

Synonyms AMYB

Function
Transcription factor that specifically recognizes the sequence 5'-YAAC[GT]G-3' (PubMed:8058310, PubMed:7987850). 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 Cytomety
- Cell Culture