10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

MYBL1 antibody - middle region
Rabbit Polyclonal Antibody
Catalog # AI10405

Specification

MYBL1 antibody - middle region - Product Information

Application	**WB, IHC**
Primary Accession	P10243
Other Accession	XM_943525, XP_948618
Reactivity	**Human, Mouse, Rat, Zebrafish, Horse, Bovine, Dog**
Predicted	**Human, Mouse, Rat, Zebrafish, Pig, Chicken, Bovine, Guinea Pig, Dog**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**49kDa KDa**

MYBL1 antibody - middle region - Additional Information

Gene ID 4603

Alias Symbol	**A-MYB, AMYB, MGC120059, MGC120061**

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

Format
Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

Reconstitution & Storage
Add 100 ul of distilled water. Final anti-MYBL1 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.

Precautions
MYBL1 antibody - middle region is for research use only and not for use in diagnostic or therapeutic procedures.

MYBL1 antibody - middle region - 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 - middle region - 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