

# A-Myb Polyclonal Antibody

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP59074

## Product Information

Application	IHC-P, IHC-F, IF, ICC, E
Primary Accession	<a href="#">P10243</a>
Reactivity	Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	85887

## Additional Information

Gene ID	4603
Other Names	Myb-related protein A, A-Myb, Myb-like protein 1, MYBL1, AMYB
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,ICC=1:100-500,IF=1:100-500,ELISA=1:5000-10000
Format	0.01M TBS(pH7.4) with 1% BSA, 0.09% (W/V) sodium azide and 50% Glyce
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

## Protein Information

Name	MYBL1
Synonyms	AMYB
Function	Transcription factor that specifically recognizes the sequence 5'-YAAC[GT]G-3' (PubMed: <a href="#">7987850</a> , PubMed: <a href="#">8058310</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

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