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MYBL1 antibody - middle region

Rabbit Polyclonal Antibody
Catalog # AI10405

Product Information

Application	WB, IHC
Primary Accession	P10243
Other Accession	XM_943525, XP_948618
Reactivity	Human, Mouse, Rat, Zebrafish, Dog, Bovine
Predicted	Human, Mouse, Rat, Zebrafish, Pig, Chicken, Dog, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	85887

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.

Protein Information

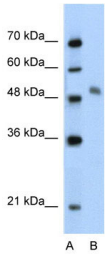
Name	MYBL1
Synonyms	AMYB
Function	Transcription factor that specifically recognizes the sequence 5'-YAAC[GT]G-3' (PubMed:7987850, PubMed:8058310). Acts as a master regulator of male meiosis by promoting expression of piRNAs: activates expression of both piRNA precursor RNAs and expression of protein-coding 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).

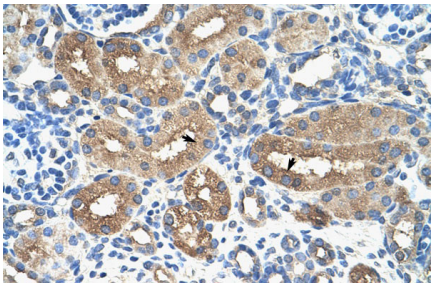
Cellular Location Nucleus {ECO:0000250|UniProtKB:P51960}.

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

Images



WB Suggested Anti-MYBL1 Antibody Titration: 2.5ug/ml
Positive Control: Jurkat cell lysate



Human kidney

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.