Rabbit A-Myb Polyclonal Antibody | anti-MYBL1 antibody

A-Myb Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA322474	**Rabbit**	**Human, Mouse, Rat**	**ELISA, Immunocytochemistry, Immunofluorescence, Western Blot**

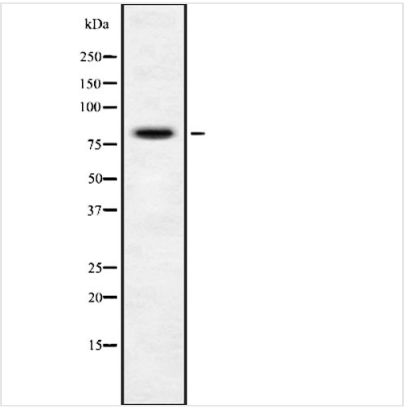
PRODUCT SYNONYMS

A-Myb; Polyclonal Antibody; A-Myb Antibody; AMYB; MGC120059; MGC120061; Myb related protein A; Myb-like protein 1; Myb-related protein A; MYBA_HUMAN; MYBL1; anti-MYBL1 antibody

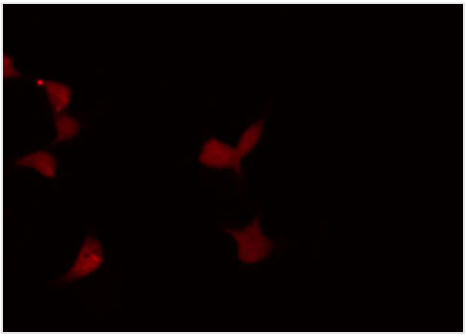
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	A-Myb antibody detects endogenous levels of total A-Myb
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	752
Applicable Applications for anti-MYBL1 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide derived from human A-Myb
Subcellular Location	Nucleus.
Tissue Specificity	Expressed in a variety of lymphoid and solid tumor lines cultured in vitro.
Predicted Cross Reactivity	**Pig, Zebrafish, Bovine, Horse, Sheep, Rabbit, Dog, Chicken**
Similarity	Pig (100%), Zebrafish (82%), Bovine (100%), Horse (100%), Sheep (100%), Rabbit (100%), Dog (100%), Chicken (91%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

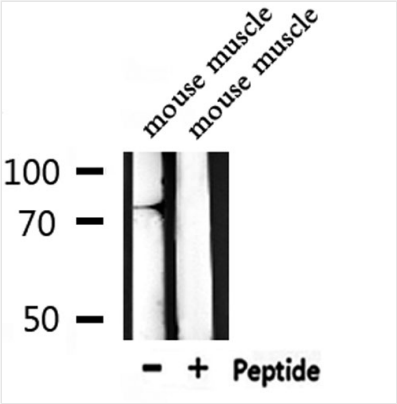
IMAGES



WB (Western Blot)
Western blot analysis of A-Myb using LOVO whole cell lysates



IF (Immunofluorescence)
AAA322474 staining LOVO by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary antibody.



WB (Western Blot)
Western blot analysis of extracts from mouse muscle, using A-Myb Antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-MYBL1 antibody	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). Subunit Structure: Component of the DREAM complex (also named LINC complex) at least composed of E2F4, E2F5, LIN9, LIN37, LIN52, LIN54, MYBL1, MYBL2, RBL1, RBL2, RBBP4, TFDP1 and TFDP2. The complex exists in quiescent cells where it represses cell cycle-dependent genes. It dissociates in S phase when LIN9, LIN37, LIN52 and LIN54 form a subcomplex that binds to MYBL2.

NCBI AND UNIPROT INFORMATION

NCBI GI #	122937231
NCBI GeneID	4603
NCBI Accession #	NP_001073885.1
NCBI GenBank Nucleotide #	NM_001080416.3
UniProt Accession #	P10243; Q495F9; E7EW29
Molecular Weight	Observed: 85 kDa Predicted: 86 kDa

NCBI Official Full Name	myb-related protein A isoform 1
NCBI Official Synonym Full Names	MYB proto-oncogene like 1
NCBI Official Symbol	MYBL1
NCBI Official Synonym Symbols	AMYB; A-MYB
NCBI Protein Information	myb-related protein A
UniProt Protein Name	Myb-related protein A
UniProt Gene Name	**MYBL1**
UniProt Synonym Gene Names	AMYB; A-Myb2 PublicationsManual assertion based on opinion iniRef.5

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: https://www.aaabiotech.com/polyclonal/a-myb-antibody-immunocytochemistry-immunofluorescence-western-blot-elisa/322474