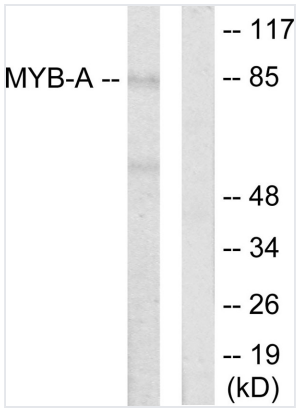
MYB-A Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	MYB-A, Polyclonal Antibody
Full Product Name	MYB-A Antibody
Product Gene Name	anti-MYB-A antibody
Product Synonym Gene Name	MYBL1
Product Synonym Names	AMYB; MYBA; MYBL1; Myb-related protein A
Clonality	Polyclonal
Host	Rabbit
Species Reactivity	Human, Mouse
Form/Format	Rabbit IgG in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Purity/Purification	Purified from rabbit antiserum by affinity-chromatography using immunogen.
Concentration	1 mg/ml (lot specific)
Specificity	MYB-A Antibody detects endogenous levels of total MYB-A protein.
Preparation and Storage	Stable at -20 degree C for at least 1 year.
Molecular Weight	85 kDa
OMIM	AC083928 Genomic DNA
3D Structure	ModBase 3D Structure for P10243
Target Modification	Unmodified/Total
Immunogen	The antiserum was produced against synthesized peptide derived from human MYB-A.
Immunogen Range	231-280
Applications Tested/Suitable for anti-MYB-A antibody	Western Blot (WB), ELISA (EIA)
Application Notes for anti-MYB-A antibody	WB: 1:500~1:1000 ELISA: 1:10000
Related Product Information for anti-MYB-A antibody	MBS9504934 is an antibody targeting MYB-A. Also known as MYB-A Antibody. Reactive in Human, Mouse. Host: Rabbit.
Other Notes	Small volumes of anti-MYB-A antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.



Western Blot (WB) of anti-MYB-A antibody
Western blot analysis of lysates from LOVO cells, using MYB-A Antibody. The lane on the right is blocked with the synthesized peptide.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for MYB-A. It may not necessarily be applicable to this product.

NCBI GI #	122937231
NCBI GeneID	4603
NCBI Accession #	NP_001073885.1
UniProt Primary Accession #	P10243
UniProt Secondary Accession #	Q495F9; E7EW29
UniProt Related Accession #	P10243
GenBank Nucleotide #	NM_001080416.3
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
UniProt Protein Name	Myb-related protein A
UniProt Synonym Protein Names	Myb-like protein 1
UniProt Gene Name	MYBL1
UniProt Synonym Gene Names	AMYB; A-Myb
NCBI Protein Information	myb-related protein A
UniProt Comments for MYB-A	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 (). 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 ().
Research Articles on MYB-A	**1.** Low MYBL1 expression is associated with colon cancer.
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