

Rabbit v-Myb/MYBL1 Polyclonal Antibody | anti-MYBL1 antibody

Anti-v-Myb/MYBL1 Antibody

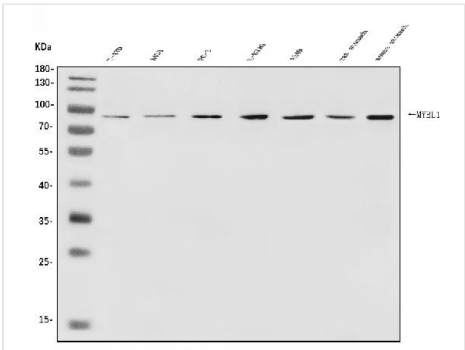
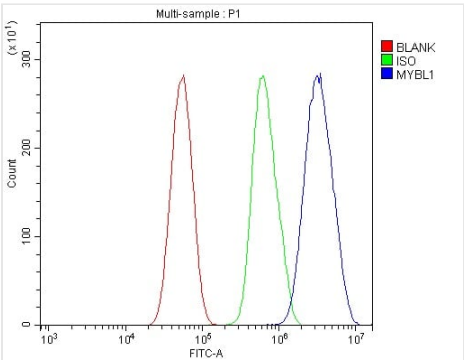
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA125759	Rabbit	Human, Mouse, Rat	ELISA, Flow Cytometry, Functional Assay, Western Blot

PRODUCT SYNONYMS

v-Myb/MYBL1; Polyclonal Antibody; Anti-v-Myb/MYBL1 Antibody; MYBL1; AMYB; Myb-related protein A; A-Myb; Myb-like protein 1; MYB proto-oncogene like 1; anti-MYBL1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Rabbit IgG polyclonal antibody for v-Myb/MYBL1 detection.
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized. Each vial contains 4mg Trehalose, 0.9mg NaCl and 0.2mg Na2HPO4.
Applicable Applications for anti-MYBL1 antibody	ELISA (Direct ELISA), FCM/FACS (Flow Cytometry), WB (Western Blot)
Immunogen	E Coli-derived human v-Myb/MYBL1 recombinant protein (Position: K199-L752).
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Recommended Detection Systems	Recommended Detection Systems
Preparation and Storage	Store at -20 degree C for one year. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen at -20 degree C for a longer time. Avoid repeated freezing and thawing.



WB (Western Blot)
Figure 1. Western blot analysis of v-Myb/MYBL1 using anti-v-Myb/MYBL1 antibody (AAA125759). Electrophoresis was performed on a 5-20% SDS-PAGE gel at 70V (Stacking gel) / 90V (Resolving gel) for 2-3 hours. The sample well of each lane was loaded with 30ug of sample under reducing conditions. Lane 1: human T-47D whole cell lysates Lane 2: human A431 whole cell lysates Lane 3: human PC-3 whole cell lysates Lane 4: human U-87MG whole cell lysates Lane 5: human A549 whole cell lysates Lane 6: rat stomach tissue lysates Lane 7: mouse stomach tissue lysates. After Electrophoresis, proteins were transferred to a Nitrocellulose membrane at 150mA for 50-90 minutes. Blocked the membrane with 5% Non-fat Milk/ TBS for 1. 5 hour at RT. The membrane was incubated with rabbit anti-v-Myb/MYBL1 antigen affinity purified polyclonal antibody (Catalog # AAA125759) at 0. 5 μg/mL overnight at 4 degree C, then washed with TBS-0. 1% Tween 3 times with 5 minutes each and probed with a goat anti-rabbit IgG-HRP secondary antibody at a dilution of 1:5000 for 1. 5 hour at RT. The signal is developed using an Enhanced Chemiluminescent detection (ECL) kit with Tanon 5200 system. A specific band was detected for v-Myb/MYBL1 at approximately 86KD. The expected band size for v-Myb/MYBL1 is at 86KD.

ADDITIONAL INFORMATION

Related Product Information for anti-MYBL1 antibody	MYB proto-oncogene like 1 is a protein that in humans is encoded by the MYBL1 gene. A-Myb is expressed at specific times in reproductive tissues, some neural cells, and a subset of normal and neoplastic B lymphocytes. Both A-Myb and B-Myb are expressed in t(14;18) lymphoma cells where they then inhibit cell arrest and apoptotic signaling. Expression of B-Myb rescues cells from p53-induced G1 phase arrest that is mediated by p21, while A-Myb functions as an anti-apoptotic factor by effectively activating the bcl-2 promoter and thereby up-regulating Bcl-2 expression.
References	- Barletta, C., Druck, T., LaForgia, S., Calabretta, B., Drabkin, H., Patterson, D., Croce, C. M., Huebner, K. Chromosome locations of the MYB related genes, AMYB and BMYB. Cancer Res. 51: 3821-3824, 1991. - Nomura, N., Takahashi, M., Matsui, M., Ishii, S., Date, T., Sasamoto, S., Ishizaki, R. Isolation of human cDNA clones of MYB-related genes, A-MYB and B-MYB. Nucleic Acids Res. 16: 11075-11089, 1988. Note: Erratum: Nucleic Acids Res. 17: 1282 only, 1989. - Takahashi, T., Nakagoshi, H., Sarai, A., Nomura, N., Yamamoto, T., Ishii, S. Human A-myb gene encodes a transcriptional activator containing the negative regulatory domains. FEBS Lett. 358: 89-96, 1995.

NCBI AND UNIPROT INFORMATION

NCBI GI #	122937231
NCBI GeneID	4603
NCBI Accession #	NP_001073885.1
NCBI GenBank Nucleotide #	NM_001080416.2
UniProt Accession #	P10243; Q495F9; E7EW29
Molecular Weight	85,887 Da
NCBI Official Full Name	myb-related protein A isoform 1
NCBI Official Synonym Full Names	v-myb myeloblastosis viral oncogene homolog (avian)-like 1

NCBI Official Symbol	MYBL1
NCBI Official Synonym Symbols	AMYB; A-MYB
NCBI Protein Information	myb-related protein A; myb-like protein 1; v-myb avian myeloblastosis viral oncogene homolog-like 1
UniProt Protein Name	Myb-related protein A
UniProt Gene Name	MYBL1
UniProt Synonym Gene Names	AMYB; A-Myb
UniProt Entry Name	MYBA_HUMAN

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://stage.aaabiotech.com/polyclonal/v-myb-mybl1-antibody-direct-elisa-flow-cytometry-western-blot-elisa/125759>