

Rabbit anti-Human, Mouse Myb Polyclonal Antibody | anti-Myb antibody

Myb Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA323680	Rabbit	Human, Mouse	ELISA, Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Western Blot

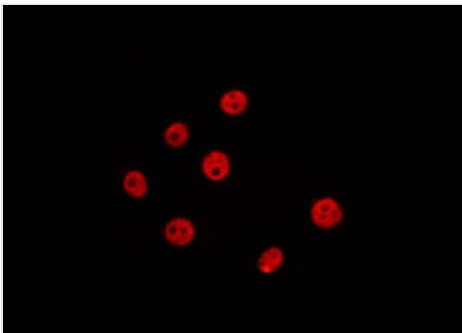
PRODUCT SYNONYMS

Myb; Polyclonal Antibody; Myb Antibody; C myb; C myb protein; Cmyb; MYB; Myb proto oncogene; V myb myeloblastosis viral oncogene homolog; anti-Myb antibody

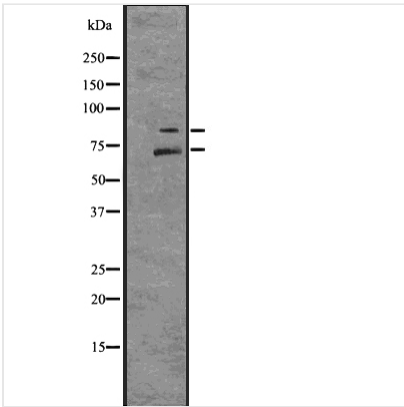
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Specificity	Myb antibody detects endogenous levels of total 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	637
Applicable Applications for anti-Myb antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human Myb
Subcellular Location	Nucleus.
Tissue Specificity	Negatively regulated by microRNA-155 (miR-155).
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

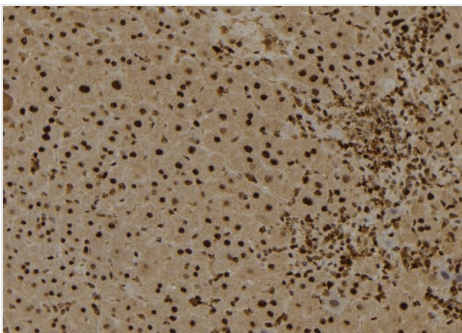
IMAGES



IF (Immunofluorescence)
AAA323680 staining MCF7 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 Myb using HeLa whole cell lysates



IHC (Immunohistochemistry)
AAA323680 at 1/100 staining Mouse liver tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.

ADDITIONAL INFORMATION

Related Product Information for anti-Myb antibody	Function: Transcriptional activator; DNA-binding protein that specifically recognize the sequence 5'-YAAC[GT]G-3'. Plays an important role in the control of proliferation and differentiation of hematopoietic progenitor cells. Subunit Structure: Binds MYBBP1A. Interacts with HIPK2, MAF and NLK (By similarity). Binds to HIPK1. Post-translational Modifications: Ubiquitinated; mediated by SIAH1 and leading to its subsequent proteasomal degradation. Phosphorylated by NLK on multiple sites, which induces proteasomal degradation. Phosphorylated by HIPK1. This phosphorylation reduces MYB transcription factor activity but not MYB protein levels. Similarity: Comprised of 3 domains; an N-terminal DNA-binding domain, a centrally located transcriptional activation domain and a C-terminal domain involved in transcriptional repression.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	194328727
NCBI GeneID	4602
NCBI Accession #	NP_001123644.1
NCBI GenBank Nucleotide #	NM_001130172.1
UniProt Accession #	P10242; P78391; P78392; P78525; P78526; Q14023; Q14024; E9PI07; E9PLZ5; E9PNA4; E9PNL6; E9PRS2
Molecular Weight	Observed: 80 kDa; 72 kDa Predicted: 73 kDa
NCBI Official Full Name	transcriptional activator Myb isoform 3

NCBI Official Synonym Full Names	MYB proto-oncogene, transcription factor
NCBI Official Symbol	MYB
NCBI Official Synonym Symbols	efg; Cmyb; c-myb; c-myb_CDS
NCBI Protein Information	transcriptional activator Myb
UniProt Protein Name	Transcriptional activator Myb
UniProt Gene Name	MYB

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/myb-antibody-immunocytochemistry-immunofluorescence-immunohistochemistry-western-blot-elisa/323680>