

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

Phospho-Myb (Ser532) Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA321507	Rabbit	Human, Mouse	ELISA, Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Western Blot

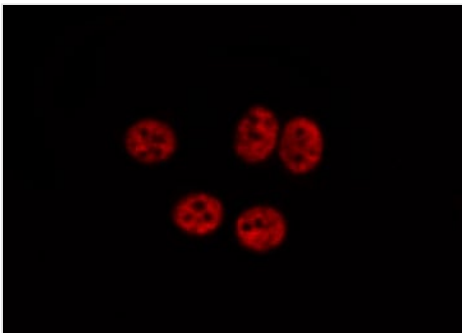
PRODUCT SYNONYMS

Myb; Polyclonal Antibody; Phospho-Myb (Ser532) Antibody; C myb; C myb protein; Cmyb; MYB; Myb proto oncogene; V myb myeloblastosis viral oncogene homolog; anti-Myb antibody

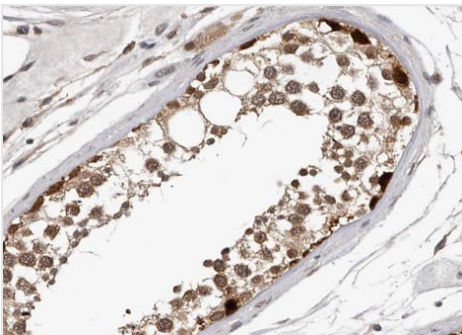
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Specificity	Phospho-Myb (Ser532) antibody detects endogenous levels of Myb only when phosphorylated at Serine 532
Purity/Purification	From purified rabbit serum by affinity purification via sequential chromatography on phospho- and non-phospho-peptide affinity columns.
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 around the phosphorylation site of Serine 532
Subcellular Location	Nucleus.
Tissue Specificity	Negatively regulated by microRNA-155 (miR-155).
Predicted Cross Reactivity	Pig, Zebrafish, Bovine, Horse, Sheep, Rabbit, Dog, Chicken, Xenopus
Similarity	Pig (100%), Zebrafish (100%), Bovine (100%), Horse (100%), Sheep (100%), Rabbit (100%), Dog (100%), Chicken (100%), Xenopus (100%)
Conjugation	Unconjugated
Epitope	Phospho Ser532
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

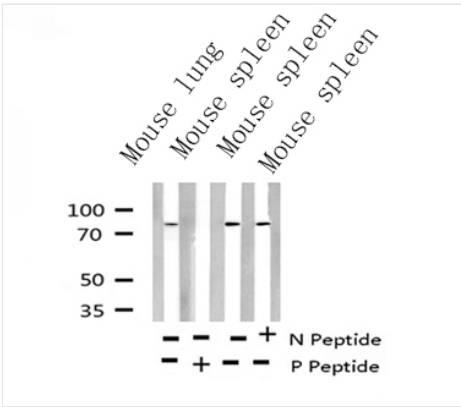
IMAGES



IF (Immunofluorescence)
AAA321507 staining HeLa cells 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) antibody, diluted at 1/600, was used as secondary antibody.



IHC (Immunohistochemistry)
AAA321507 at 1/100 staining human Testis tissue sections by IHC-P. The tissue was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The tissue 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.



WB (Western Blot)
Western blot analysis of Phospho-Myb (Ser532) Antibody expression in mouse lung and mouse spleen tissues lysates.

ADDITIONAL INFORMATION

Related Product Information for anti-Myb antibody	Description: Myb is a 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. 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.
--	---

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 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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/myb-antibody-immunocytochemistry-immunofluorescence-immunohistochemistry-western-blot-elisa/321507>