

Rabbit Phospho-MYC (T58) Polyclonal Antibody | anti-MYC antibody

Phospho-MYC (T58) Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA289788	Rabbit	Human (Predicted Reactivity: Xenopus, Zebrafish, Chicken, Mouse, Rat, Bovine, Pig)	Western Blot, ELISA, Dot Blot

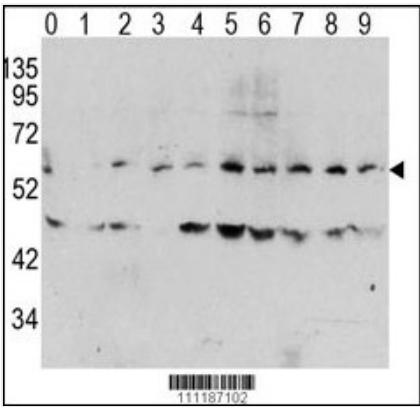
PRODUCT SYNONYMS

Phospho-MYC (T58); Polyclonal Antibody; Phospho-MYC (T58) Antibody; Myc proto-oncogene protein; Class E basic helix-loop-helix protein 39; bHLHe39; Proto-oncogene c-Myc; Transcription factor p64; MYC; BHLHE39; anti-MYC antibody

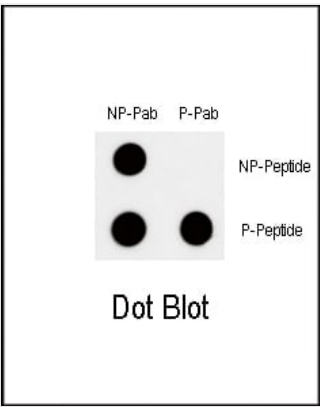
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human (Predicted Reactivity: Xenopus, Zebrafish, Chicken, Mouse, Rat, Bovine, Pig)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This MYC Antibody is generated from rabbits immunized with a KLH conjugated synthetic phosphopeptide corresponding to amino acid residues surrounding T58 of human MYC.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.47 (varies by lot)
Sequence Length	454
Applicable Applications for anti-MYC antibody	WB (Western Blot), ELISA, DB (Dot Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)
Western blot analysis of Phospho-MYC-T58 Antibody in human TPA activated Hela cell line lysates. Phospho-MYC (arrow) was detected using the purified PAb. (0: without TPA; 1: 60ug/ml TPA, 15min; 2: 60ug/ml TPA, 30min; 3: 60ug/ml TPA, 45min; 4: 125ug/ml TPA, 15min; 5: 125ug/ml TPA, 30min; 6: 125ug/ml TPA, 45min; 7: 250ug/ml TPA, 15min; 8: 250ug/ml TPA, 30min; 9: 250ug/ml TPA, 45min)



DB (Dot Blot)
Dot blot analysis of Phospho-MYC-T58 Pab on nitrocellulose membrane. 50ng of Phospho-peptide or Non Phospho-peptide per dot were adsorbed. Antibody working concentrations are 0.5ug per ml.

ADDITIONAL INFORMATION

Related Product Information for anti-MYC antibody	MYC participates in the regulation of gene transcription. It binds DNA both in a non-specific manner and also specifically to recognizes the core sequence 5'-CAC[GA]TG-3'. This protein appears to activate the transcription of growth-related genes. Overexpression of MYC is implicated in the etiology of a variety of hematopoietic tumors. A chromosomal aberration involving MYC may be a cause of a form of B-cell chronic lymphocytic leukemia.
Product Categories/Family for anti-MYC antibody	Cancer; Signal Transduction; Phospho Antibodies
References	Qi, Y., et al., Nature 431(7009):712-717 (2004). Wilda, M., et al., Genes Chromosomes Cancer 41(2):178-182 (2004). Dom, et al., Oncogene 23(44):7378-7390 (2004). Pap, T., et al., Arthritis Rheum. 50(9):2794-2802 (2004). Ozawa, N., et al., Endocrinology 145(9):4244-4250 (2004).

NCBI AND UNIPROT INFORMATION

NCBI GI #	71774083
NCBI GeneID	4609
NCBI Accession #	NP_002458.2
NCBI GenBank Nucleotide #	NM_002467.4
UniProt Accession #	P01106; P01107; Q14026; A8WFE7
Molecular Weight	48804
NCBI Official Full Name	myc proto-oncogene protein
NCBI Official Synonym Full Names	v-myc avian myelocytomatosis viral oncogene homolog
NCBI Official Symbol	MYC
NCBI Official Synonym Symbols	MRTL; MYCC; c-Myc; bHLHe39
NCBI Protein Information	myc proto-oncogene protein
UniProt Protein Name	Myc proto-oncogene protein
UniProt Gene Name	MYC

UniProt Synonym Gene Names	BHLHE39; bHLHe39
UniProt Entry Name	MYC_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://www.aaabiotech.com/polyclonal/phospho-myc-t58-antibody-western-blot-dot-blot-elisa/289788>