

Rabbit MYC-T58 Antibody | anti-MYC antibody

Phospho-MYC-T58 Polyclonal Antibody

CATALOG # AAA36754	HOST Rabbit	APPLICATIONS ELISA, Immunofluorescence, Western Blot
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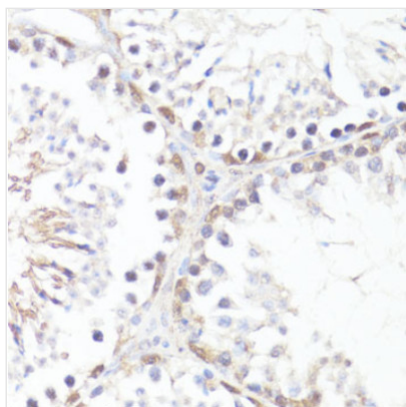
PRODUCT SYNONYMS

MYC-T58; Phospho-MYC-T58 Polyclonal Antibody; Phospho-MYC-T58: MRTL; c-Myc; bHLHe39; anti-MYC antibody

PRODUCT SPECIFICATIONS

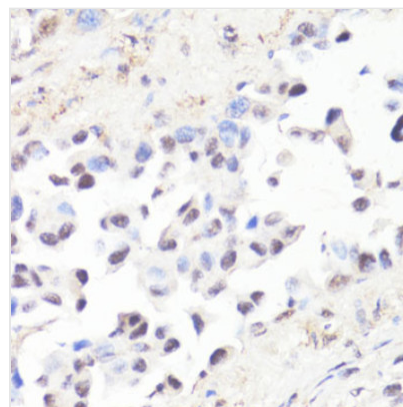
Host	Rabbit
Isotype	IgG
Purity/Purification	Affinity Purification
Form/Format	PBS with 0.09% Sodium azide, 50% glycerol, pH 7.3.
Sequence Length	439
Applicable Applications for anti-MYC antibody	ELISA, IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthetic phosphorylated peptide around T58 of mouse MYC (NP_001170823.1).
Species Reactivity / Cross Reactivity	Human, Mouse, Rat
Preparation and Storage	Store at -20°C. Avoid freeze / thaw cycles.

IMAGES



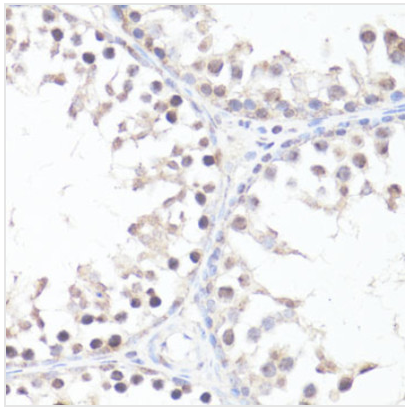
IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded Mouse testis using Phospho-c-Myc-T58 Rabbit pAb (AAA36754) at dilution of 1:100 (40x lens). Microwave antigen retrieval performed with 0.01M Tris/EDTA Buffer (pH 9.0) prior to IHC staining.



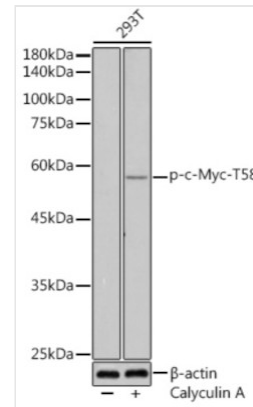
IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded Human lung cancer using Phospho-c-Myc-T58 Rabbit pAb (AAA36754) at dilution of 1:100 (40x lens). Microwave antigen retrieval performed with 0.01M Tris/EDTA Buffer (pH 9.0) prior to IHC staining.



IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded Rat testis using Phospho-c-Myc-T58 Rabbit pAb (AAA36754) at dilution of 1:100 (40x lens). Microwave antigen retrieval performed with 0.01M Tris/EDTA Buffer (pH 9.0) prior to IHC staining.



WB (Western Blot)

Western blot analysis of lysates from 293T cells, using Phospho-c-Myc-T58 Rabbit pAb (AAA36754) at 1:500 dilution. 293T cells were treated by Calyculin A (100 nM) at 37°C for 30 minutes after serum-starvation overnight. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 180s.

ADDITIONAL INFORMATION

Related Product Information for anti-MYC antibody	This gene is a proto-oncogene and encodes a nuclear phosphoprotein that plays a role in cell cycle progression, apoptosis and cellular transformation. The encoded protein forms a heterodimer with the related transcription factor MAX. This complex binds to the E box DNA consensus sequence and regulates the transcription of specific target genes. Amplification of this gene is frequently observed in numerous human cancers. Translocations involving this gene are associated with Burkitt lymphoma and multiple myeloma in human patients. There is evidence to show that translation initiates both from an upstream, in-frame non-AUG (CUG) and a downstream AUG start site, resulting in the production of two isoforms with distinct N-termini.
Product Categories/Family for anti-MYC antibody	Phosphorylation

NCBI AND UNIPROT INFORMATION

NCBI GI #	127619
NCBI GeneID	4609
UniProt Accession #	P01106 ; P01107 ; Q14026 ; A8WFE7
Molecular Weight	Observed MW: 62kDa Calculated MW: 51kDa
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; proto-oncogene c-Myc; transcription factor p64; class E basic helix-loop-helix protein 39; avian myelocytomatosis viral oncogene homolog; v-myc myelocytomatosis viral oncogene homolog; myc-related translation/localization regulatory factor
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.

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Online datasheet: <https://stage.aaabiotech.com/rabbit-antibody/myc-t58/36754>