

# Phospho-MYC-T58 Rabbit Polyclonal Antibody



CABP0080

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## Product Information

### Size:

20uL, 50uL, 100uL, 200uL

### Observed MW:

62kDa

### Calculated MW:

48kDa/50kDa

### Applications:

WB IHC IF

### Reactivity:

Human, Mouse, Rat

## Protein Background

The protein encoded by this gene is a multifunctional, nuclear phosphoprotein that plays a role in cell cycle progression, apoptosis and cellular transformation. It functions as a transcription factor that regulates transcription of specific target genes. Mutations, overexpression, rearrangement and translocation of this gene have been associated with a variety of hematopoietic tumors, leukemias and lymphomas, including Burkitt lymphoma. There is evidence to show that alternative translation initiations from an upstream, in-frame non-AUG (CUG) and a downstream AUG start site result in the production of two isoforms with distinct N-termini. The synthesis of non-AUG initiated protein is suppressed in Burkitt's lymphomas, suggesting its importance in the normal function of this gene.

## Immunogen information

### Gene ID:

4609

### Uniprot

P01106

## Antibody Information

### Recommended dilutions:

WB 1:500 - 1:2000 IHC 1:50  
- 1:200 IF 1:50 - 1:100

### Source:

Rabbit

### Isotype:

IgG

### Purification:

Affinity purification

### Synonyms:

MRTL; MYCC; bHLHe39; c-Myc; MYC

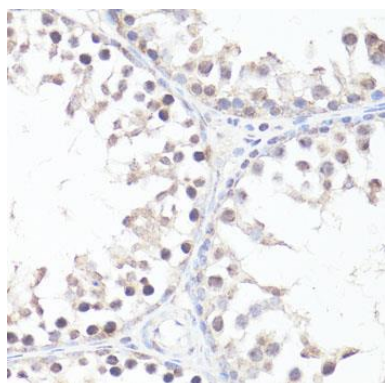
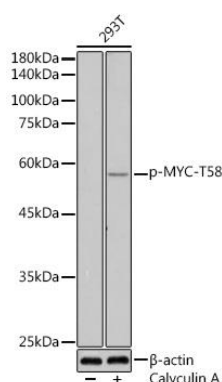
### Immunogen:

A phospho specific peptide corresponding to residues surrounding T58 of human MYC

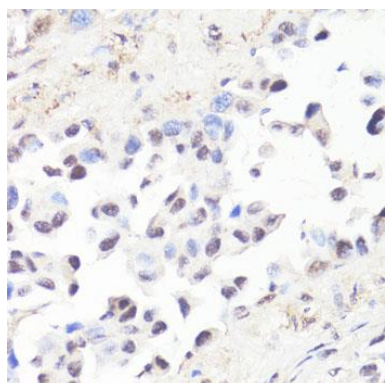
### Storage:

Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

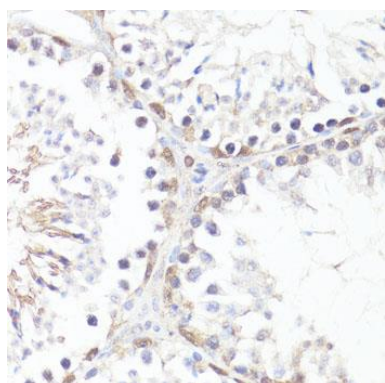
## Product Images



Immunohistochemistry of paraffin-embedded rat testis using P-MYC-T58 antibody (CABP0080) at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded human lung cancer using P-MYC-T58 antibody (CABP0080) at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded mouse testis using P-MYC-T58 antibody (CABP0080) at dilution of 1:100 (40x lens).