Phospho-MYC-S62 Rabbit Polyclonal Antibody

CABP0082

Product Information

Size:

20uL, 50uL, 100uL, 200uL

Observed MW:

62KDa

Calculated MW:

48kDa/50kDa

Applications:

WB IHC IF

Reactivity:

Human, Mouse, Rat

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

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

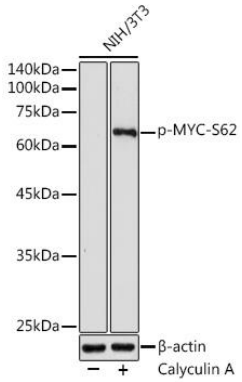
Uniprot
P01106

Synonyms:
MRTL; MYCC; bHLHe39; c-Myc; MYC

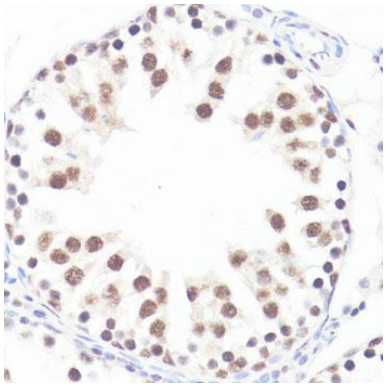
Immunogen:
A phospho specific peptide corresponding to residues surrounding S62 of human MYC

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

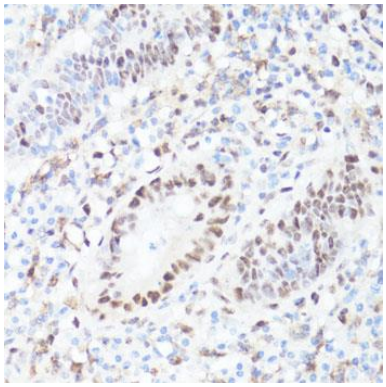
Product Images



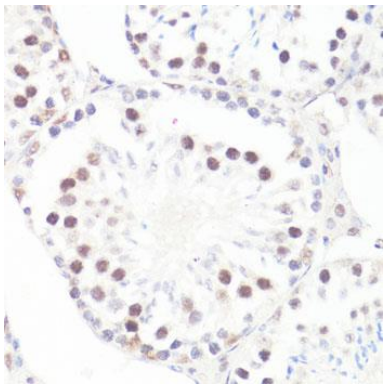
Western blot analysis of extracts of NIH/3T3 cells, using Phospho-MYC-S62 antibody (CABP0082) at 1:1000 dilution.NIH/3T3 cells were treated by Calyculin A (100 nM) at 37'C for 30 minutes after serum-starvation overnight. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (CABM00020). Exposure time: 60s.



Immunohistochemistry of paraffin-embedded rat testis using P-MYC-S62 antibody (CABP0082) at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded human appendix using P-MYC-S62 antibody (CABP0082) at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded mouse testis using P-MYC-S62 antibody (CABP0082) at dilution of 1:100 (40x lens).

