

MYC Rabbit Polyclonal Antibody



CAB11394

Product Information

Size:

20uL, 50uL, 100uL, 200uL

Observed MW:

Calculated MW:

48kDa/50kDa

Applications:

IHC

Reactivity:

Mouse, Rat

Antibody Information

Recommended dilutions:

IHC 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

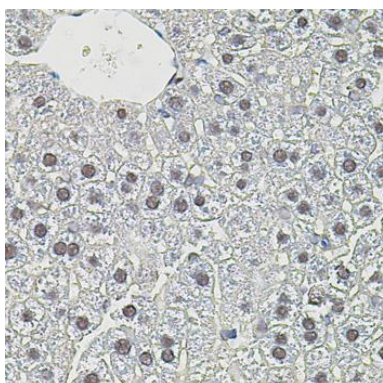
Immunogen:

A synthetic peptide corresponding to a sequence within amino acids 350 to the C-terminus of human MYC (NP_002458.2).

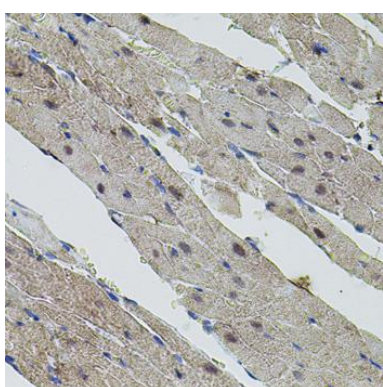
Storage:

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 mouse liver using MYC antibody (CAB11394) at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded rat heart using MYC antibody (CAB11394) at dilution of 1:100 (40x lens).