

Phospho-c-Myc-T58 Rabbit pAb

Catalog No.: AP0131 **1 Publications**

Basic Information

Observed MW

60kDa

Calculated MW

51kDa

Category

Primary antibody

Applications

WB

Cross-Reactivity

Human, Mouse, Rat

Background

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.

Recommended Dilutions

WB 1:500 - 1:2000

Immunogen Information

Gene ID

4609

Swiss Prot

P01106

Immunogen

A phospho specific peptide corresponding to residues surrounding T58 of human c-Myc

Synonyms

MRTL; MYCC; c-Myc; bHLHe39; Phospho-c-Myc-T58

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

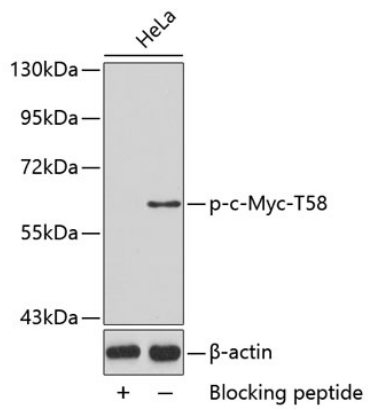
Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH 7.3.

Validation Data



Western blot analysis of extracts from HeLa cells using Phospho-c-Myc-T58 antibody (AP0131).
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% BSA.