

Datasheet

MYC (phospho T358) polyclonal antibody

Catalog Number: PAB25256

Regulatory Status: For research use only (RUO)

Product Description: Rabbit polyclonal antibody raised against synthetic phosphopeptide of MYC.

Immunogen: Synthetic phosphopeptide corresponding to residues surrounding T358 of human MYC.

Sequence: R-R-Tp-H-N

Host: Rabbit

Theoretical MW (kDa): 60

Reactivity: Human, Mouse, Rat

Applications: IF, IHC-P, WB-Ce

(See our web site product page for detailed applications information)

Protocols: See our web site at

<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Form: Liquid

Purification: Affinity chromatography

Concentration: 1 mg/mL

Recommend Usage: Immunohistochemistry

(1:50-1:100)

Western Blot (1:500-1:1000)

Immunofluorescence (1:100-1:200)

The optimal working dilution should be determined by the end user.

Storage Buffer: In PBS (without Mg^{2+} and Ca^{2+}), 150 mM NaCl, pH 7.4 (50% glycerol, 0.02% sodium azide)

Storage Instruction: Store at -20°C.

Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 4609

Gene Symbol: MYC

Gene Alias: bHLHe39, c-Myc

Gene Summary: 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. [provided by RefSeq]