



Rabbit Anti-Human MYC Polyclonal Antibody (DPABH-18639)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Target	Human MYC
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Purification	Affinity Purified
Conjugate	Unconjugated
Applications	WB, IP, ICC, ELISA
Format	Liquid
Concentration	Lot specific
Buffer	Tris-citrate/phosphate buffer, pH 7 to 8
Preservative	0.09% Sodium Azide
Storage	2 - 8° C. 1 year from date of receipt
Ship	Wet ice

BACKGROUND

Introduction	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
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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 Burkitts lymphomas, suggesting its importance in the normal function of this gene.

Keywords	MYC;v-myc avian myelocytomatosis viral oncogene homolog;MRTL;MYCC;c-Myc;bHLHe39;myc proto-oncogene protein;proto-oncogene c-Myc;transcription factor p64;class E basic helix-loop-helix protein 39
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GENE INFORMATION

Gene Name	v-myc avian myelocytomatosis viral oncogene homolog
Official Symbol	MYC
Entrez Gene ID	4609
UniProt ID	P01106
