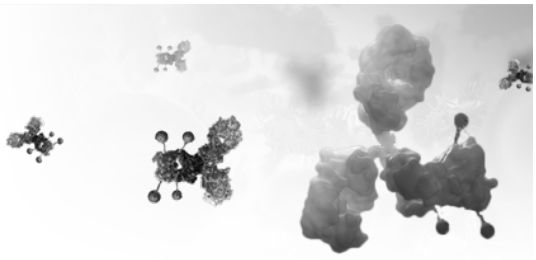

Rabbit Anti-Human MYC (Phospho-Ser373) polyclonal antibody (CABT-L3889)

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

PRODUCT INFORMATION

Product Overview	Rabbit Anti-Human PKC delta (Phospho-Tyr313) polyclonal antibody. This antibody detects endogenous levels of Myc only when phosphorylated at Ser373.
Specificity	Target Modification: Phospho. Modification Sites: Human: S373; Mouse: S373; Rat: S373
Target	Human Myc (Phospho-Ser373)
Immunogen	The antiserum was produced against synthesized peptide derived from human Myc around the phosphorylation site of Ser373. Immunogen range: 340-389
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human, Mouse, Rat
Purification	Affinity Purified
Conjugate	Unconjugated
Applications	IHC, IP, ELISA
Molecular Weight	48 kDa
Preparation	The antibody was purified from rabbit antiserum by affinity-chromatography using phospho peptide. The antibody against non-phospho peptide was removed by chromatography using corresponding non-phospho peptide.
Format	Liquid

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Concentration	Lot specific
Size	100 µl
Buffer	Rabbit IgG in PBS (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl and 50% glycerol.
Preservative	0.02% Sodium Azide
Storage	Stable at -20°C for at least 1 year.
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 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;avian myelocytomatosis viral oncogene homolog;v-myc myelocytomatosis viral oncogene homolog;myc-related translation/localization regulatory factor;

GENE INFORMATION

Gene Name	MYC v-myc avian myelocytomatosis viral oncogene homolog [Homo sapiens (human)]
Official Symbol	MYC
Synonyms	Myc proto-oncogene protein, Class E basic helix-loop-helix protein 39, bHLHe39, Proto-oncogene c-Myc, Transcription factor p64 , MYC , BHLHE39
Entrez Gene ID	9531
UniProt ID	P01106

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