

c-Myc Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP02018
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	Recombinant Protein of Myc proto-oncogene protein
Mol wt	48804
Species reactivity	Human
Clonality	Polyclonal
Recommended application	WB
Concentration	1 mg/ml
Full name	c-Myc Antibody
Synonyms	MYC; BHLHE39; Myc proto-oncogene protein; Class E basic helix-loop-helix protein 39; bHLHe39; Proto-oncogene c-Myc; Transcription factor p64

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

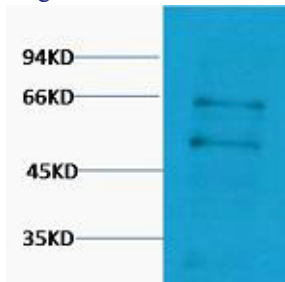
V-myc avian myelocytomatosis viral oncogene homolog encoded by MYC is a multifunctional, nuclear phosphoprotein that plays a role in cell cycle progression, apoptosis and cellular transformation. It functions as a transcription factor that regulates transcription of specific target genes. Mutations, 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 MYC.

Recommended Dilution

WB: 1: 1000

Not yet tested in other applications.

Images



Western blot analysis of HeLa, Rabbit pAb diluted at 1:2000. Secondary antibody was diluted at 1:20000

Storage

-20°C for one year