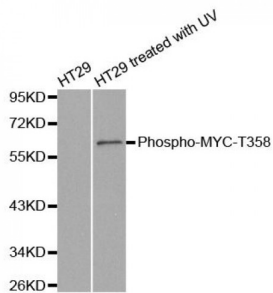


MYC (pT358) Antibody

Catalogue No.:abx000458



Western blot analysis of extracts from HT29 cells untreated or treated with UV, using phospho-MYC-T358 antibody (abx000458).

MYC (pT358) Antibody is a Rabbit Polyclonal antibody against MYC (pT358). 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.

Target: MYC (pT358)

Clonality: Polyclonal

Reactivity: Human

Tested Applications: WB

Host: Rabbit

Recommended dilutions: WB: 1/500 - 1/2000. Optimal dilutions/concentrations should be determined by the end user.

Conjugation: Unconjugated

Immunogen: Synthetic Peptide. A phospho specific peptide corresponding to residues surrounding T358 of human MYC.

Isotype: IgG

Form: Liquid

Purification: Affinity purified.

Storage: Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.

UniProt Primary AC: P01106

Gene Symbol: MYC

GeneID: [4609](#)

Molecular Weight: Calculated MW: 48 kDa, 50 kDa
Observed MW: 65 kDa

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

Concentration: > 1 mg/ml

Note: This product is for research use only.