

c-Myc (phospho Thr58) Polyclonal Antibody

Catalog No: #13958



Package Size: #13958-1 50ul #13958-2 100ul

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

Description

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| Product Name | c-Myc (phospho Thr58) Polyclonal Antibody |
| Host Species | Rabbit |
| Purification | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen. |
| Applications | WB,IHC-p,IF(paraffin section),IP,ELISA |
| Species Reactivity | Human,Mouse,Rat |
| Specificity | Phospho-c-Myc (T58) Polyclonal Antibody detects endogenous levels of c-Myc protein only when phosphorylated at T58. |
| Immunogen Description | The antiserum was produced against synthesized peptide derived from human Myc around the phosphorylation site of Thr58. AA range:25-74 |
| Other Names | MYC; BHLHE39; Myc proto-oncogene protein; Class E basic helix-loop-helix protein 39; bHLHe39; Proto-oncogene c-Myc; Transcription factor p64 |
| Accession No. | Swiss Prot:P01106GenelD:4609 |
| Uniprot | P01106 |
| GenelD | 4609 |
| SDS-PAGE MW | 50, |
| Concentration | 1 mg/ml |
| Formulation | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide. |
| Storage | -20°C/1 |

Application Details

Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. Immunoprecipitation: 2-5 ug/mg lysate. ELISA: 1/10000. Not yet tested in other applications.

Background

v-myc avian myelocytomatosis viral oncogene homolog(MYC) Homo sapiens 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, Jul 2008],

Note: This product is for in vitro research use only