

anti- c-MYC antibody

Product Information

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|---------------|---|
| Catalog No.: | FNab10342 |
| Size: | 100µg |
| Form: | liquid |
| Purification: | Immunogen affinity purified |
| Purity: | ≥95% as determined by SDS-PAGE |
| Host: | Rabbit |
| Clonality: | polyclonal |
| Clone ID: | None |
| IsoType: | IgG |
| Storage: | PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months (Avoid repeated freeze / thaw cycles.) |

Background

MYC contains one basic helix-loop-helix(bHLH) domain. This protein 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. It seems to activate the transcription of growth-related genes. It binds DNA in a non-specific manner, yet also specifically recognizes the core sequence 5'-CAC[GA]TG-3'. Mutations, overexpression, rearrangement and translocation of this gene have been associated with a variety of hematopoietic tumors, leukemias and lymphomas, including Burkitt lymphoma. This antibody is a rabbit polyclonal antibody raised against recombinant protein of human MYC. The 50kDa band recognized by antibody is the native form of MYC, while the other bands, between 60-70kDa, are the phosphorylated form of MYC [PMID: 12189186]

Immunogen information

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|--------------|--|
| Immunogen: | v-myc myelocytomatosis viral oncogene homolog(avian) |
| Synonyms: | BHLHe39, c Myc, c-Myc, MRTL, MYC, Myc proto oncogene protein, Proto oncogene c Myc, Transcription factor p64 |
| Observed MW: | 50-60 kDa |
| Uniprot ID : | P01106 |

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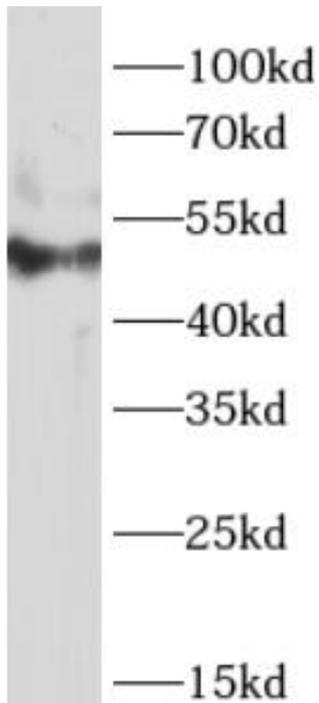
Application

Reactivity: Human, Mouse, Rat

Tested Application: ELISA, WB

Recommended dilution: WB: 1:500-1:2000

Image:



rat brain tissue were subjected to SDS PAGE followed by western blot with FNab10342(c-MYC antibody) at dilution of 1:1000

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