

Summary

Production Name	MNT Rabbit Polyclonal Antibody
Description	Rabbit Polyclonal Antibody
Host	Rabbit
Application	WB,ELISA
Reactivity	Human,Rat,Mouse

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N.
Purification	Affinity purification

Immunogen

Gene Name	MNT
Alternative Names	MNT; BHLHD3; ROX; Max-binding protein MNT; Class D basic helix-loop-helix protein 3; bHLHd3; Myc antagonist MNT; Protein ROX
Gene ID	4335.0
SwissProt ID	Q99583.The antiserum was produced against synthesized peptide derived from human MNT. AA range:315-364

Application

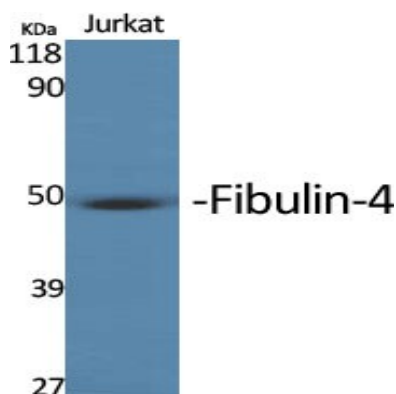
Dilution Ratio	WB 1:500-2000 ELISA 2000-20000
Molecular Weight	62kD

Background

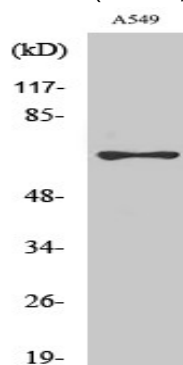
The Myc/Max/Mad network comprises a group of transcription factors that co-interact to regulate gene-specific transcriptional activation or repression. This gene encodes a protein member of the Myc/Max/Mad network. This protein has a basic-Helix-Loop-Helix-zipper domain (bHLHzip) with which it binds the canonical DNA sequence CANNTG, known as the E box, following heterodimerization with Max proteins. This protein is likely a transcriptional repressor and an antagonist of Myc-dependent transcriptional activation and cell growth. This protein represses transcription by binding to DNA binding proteins at its N-terminal Sin3-interaction domain. [provided by RefSeq, Jul 2008],function: Binds DNA as a heterodimer with MAX and represses transcription. Binds to the canonical E box sequence 5'-CACGTG-3' and, with higher affinity, to 5'-CACGCG-3',.similarity: Contains 1 basic helix-loop-helix (bHLH) domain.,subunit: Efficient DNA binding requires dimerization with another bHLH protein. Binds DNA as an homodimer or a heterodimer with MAX.,

Research Area

Image Data



Western Blot analysis of various cells using MNT Polyclonal Antibody cells nucleus extracted by Minute TM Cytoplasmic and Nuclear Fractionation kit (SC-003, Inventbiotech, MN, USA) .



Western Blot analysis of A549 cells using MNT Polyclonal Antibody cells nucleus extracted by Minute TM Cytoplasmic and Nuclear Fractionation kit (SC-003, Inventbiotech, MN, USA) .

Product Name: MNT Rabbit Polyclonal Antibody
Catalog #: APRab14010



Note

For research use only.