
Product Name: MNT Rabbit Polyclonal Antibody**Catalog #: APRab14010**

For research use only.

Summary

Description	Rabbit polyclonal Antibody
Host	Rabbit
Application	WB,IHC,ELISA
Reactivity	Human,Rat,Mouse
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
Purification	Affinity purification

Application

Dilution Ratio	WB 1:500-1:2000,IHC 1:50-1:300,ELISA 1:2000-1:20000
Molecular Weight	62kDa

Antigen Information

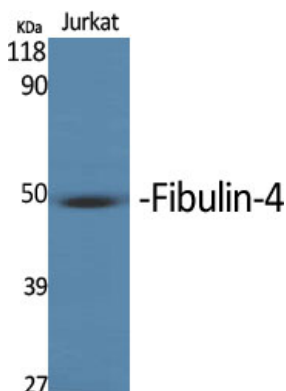
Gene Name	MNT
Alternative Names	MNT; BHLHD3; ROX; Max-binding protein MNT; Class D basic helix-loop-helix protein 3; bHLHd3; Myc antagonist MNT; Protein ROX
Gene ID	4335.0
SwissProt ID	Q99583
Immunogen	The antiserum was produced against synthesized peptide derived from human MNT. AA range:315-364

Background

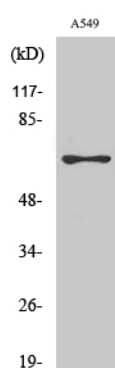
The Myc/Max/Mad network comprises a group of transcription factors that co-interact to regulate gene-specific transcriptional activation or repression. This gene encodes a protein member of the Myc/Max/Mad network. This protein has a basic-Helix-Loop-Helix-zipper domain (bHLHzip) with which it binds 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.



Western Blot analysis of A549 cells using MNT Polyclonal Antibody.