

MNT Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP05498
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	The antiserum was produced against synthesized peptide derived from human MNT. AA range:315-364
Mol wt	62300
Species reactivity	Human
Clonality	Polyclonal
Recommended application	WB, ELISA
Concentration	1 mg/ml
Full name	MNT Antibody
Synonyms	MNT; BHLHD3; ROX; Max-binding protein MNT; Class D basic helix-loop-helix protein 3; bHLHD3; Myc antagonist MNT; Protein ROX

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

The Myc/Max/Mad network comprises a group of transcription factors that co-interact to regulate gene-specific transcriptional activation or repression. MNT encodes a protein member of the Myc/Max/Mad network. Max-binding protein MNT 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. Max-binding protein MNT is likely a transcriptional repressor and an antagonist of Myc-dependent transcriptional activation and cell growth. Max-binding protein MNT represses transcription by binding to DNA binding proteins at its N-terminal Sin3-interaction domain.

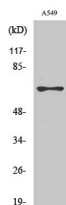
Recommended Dilution

WB: 1: 500 - 1: 2000

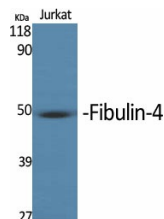
ELISA: 1: 40000

Not yet tested in other applications.

Images



Western Blot analysis of A549 cells using MNT Polyclonal Antibody cells nucleus.



Western Blot analysis of various cells using MNT Polyclonal Antibody cells nucleus.

Storage

-20°C for one year

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