

## MNT Polyclonal Antibody

### Description

<b>Product type</b>	Primary Antibody
<b>Code</b>	BT-AP05498
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Size</b>	20ul, 50ul, 100ul
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human MNT. AA range:315-364
<b>Mol wt</b>	62300
<b>Species reactivity</b>	Human
<b>Clonality</b>	Polyclonal
<b>Recommended application</b>	WB, ELISA
<b>Concentration</b>	1 mg/ml
<b>Full name</b>	MNT Antibody
<b>Synonyms</b>	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.

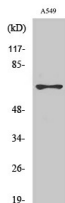
### Recommended Dilution

WB: 1: 500 - 1: 2000

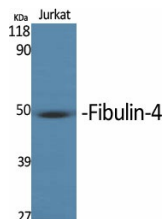
ELISA: 1: 40000

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

501 Changsheng S Rd, Nanhu Dist, Jiaxing, Zhejiang, China

Tel: 86 21 31007137 | E-mail: [save@bt-laboratory.com](mailto:save@bt-laboratory.com) | [www.bt-laboratory.com](http://www.bt-laboratory.com)