

## Product datasheet for **TA345285**

### MAX binding protein (MNT) Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-MNT antibody: synthetic peptide directed towards the N terminal of human MNT. Synthetic peptide located within the following region: SIETLLAARFLEWQAQQQRAREEQERLRLEQEREQKANSARLAH
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	62 kDa
Gene Name:	MAX network transcriptional repressor
Database Link:	<a href="#">NP_064706</a> <a href="#">Entrez Gene 4335 Human</a> <a href="#">Q99583</a>



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**Background:**

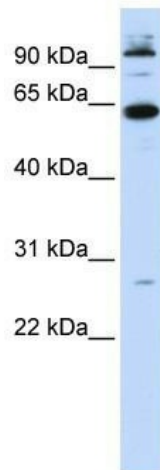
The Myc/Max/Mad network comprises a group of transcription factors that co-interact to regulate gene-specific transcriptional activation or repression. MNT is a protein member of the Myc/Max/Mad network. This protein has a basic-Helix-Loop-Helix-zipper domain (bHLHzip) with which it binds the canonical 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. 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. Publication Note: This RefSeq record includes a subset of the publications that are available for this gene. Please see the Entrez Gene record to access additional publications.

**Synonyms:**

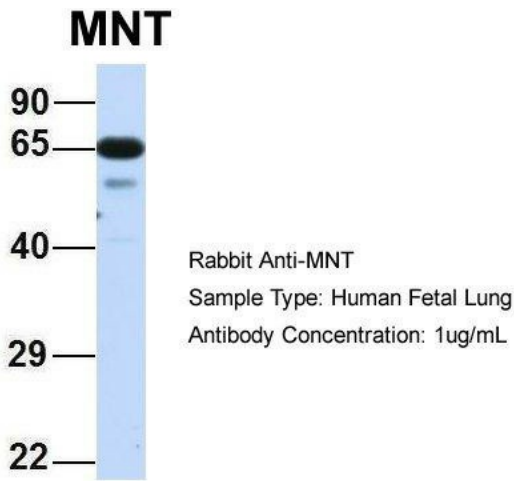
bHLHd3; MAD6; MXD6; ROX

**Note:**

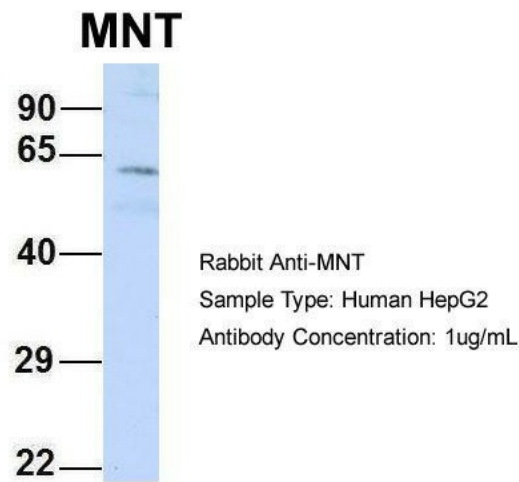
Immunogen Sequence Homology: Human: 100%; Dog: 93%; Rat: 93%; Mouse: 93%; Bovine: 93%; Rabbit: 93%; Yeast: 92%; Pig: 80%; Horse: 80%

**Product images:**

WB Suggested Anti-MNT Antibody Titration: 0.2-1 ug/ml; ELISA Titer: 1: 1562500; Positive Control: Hela cell lysate



Host: Rabbit; Target Name: MNT; Sample Tissue: Human Fetal Lung; Antibody Dilution: 1.0 ug/ml



Host: Rabbit; Target Name: MNT; Sample Tissue: HepG2; Antibody Dilution: 1.0 ug/ml; MNT is supported by BioGPS gene expression data to be expressed in HepG2