



Human MNT blocking peptide (CDBP2569)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Blocking/Immunizing peptide for anti-ROX/MNT antibody
Antigen Description	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]
Species	Human
Conjugate	Unconjugated
Applications	Apuri, BL, ELISA
Format	Lyophilized powder
Size	100 µg
Preservative	None
Storage	Shipped at ambient temperature, store at -20°C.

GENE INFORMATION

Gene Name	MNT MAX binding protein [Homo sapiens]
Official Symbol	MNT

Synonyms	MNT; MAX binding protein; max-binding protein MNT; bHLHd3; MAD6; Max interacting protein; MXD6; myc antagonist; ROX; myc antagonist MNT; Max-interacting protein; class D basic helix-loop-helix protein 3;
Entrez Gene ID	4335
mRNA Refseq	NM_020310
Protein Refseq	NP_064706
UniProt ID	Q99583
Chromosome Location	17p13.3
Function	DNA binding; chromatin binding; sequence-specific DNA binding transcription factor activity; transcription coactivator activity; transcription corepressor activity;