Datasheet for ABIN2781100

anti-MNT antibody (N-Term)

3 Images

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Overview

Quantity:	100 µL
Target:	MNT
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Cow, Dog, Rabbit, Horse, Pig, Saccharomyces cerevisiae
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MNT antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human MNT
Sequence:	SIETLLEAAR FLEWQAQQQQ RAREEQERLR LEQEREQEQK KANSLARLAH
Predicted Reactivity:	Cow: 93%, Dog: 93%, Horse: 80%, Human: 100%, Mouse: 93%, Pig: 80%, Rabbit: 93%, Rat: 93%, Yeast: 92%
Characteristics:	This is a rabbit polyclonal antibody against MNT. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	MNT

Target Details

Alternative Name:	MNT (MNT Products)
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. Alias Symbols: MAD6, MXD6, ROX, bHLHd3 Protein Interaction Partner: Dlg4, ELAVL1, CEBPA, MAX, MAD1L1, MYC, HDAC1, SIN3A, MNT, MLX, HMGB1, Protein Size: 582
Molecular Weight:	62 kDa
Gene ID:	4335
NCBI Accession:	NM_020310, NP_064706
UniProt:	Q99583
Pathways:	Chromatin Binding, Regulation of Muscle Cell Differentiation

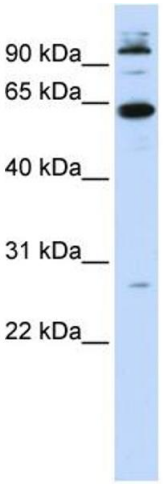
Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 582 AA
Restrictions:	For Research Use only

Handling

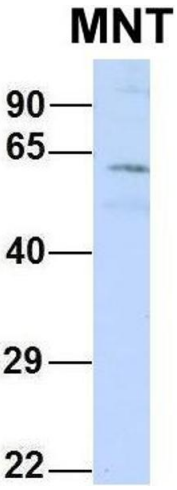
Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images



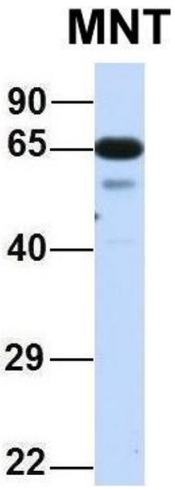
Western Blotting

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



Western Blotting

Image 2. Host: Rabbit Target Name: MNT Sample Type: HepG2 Antibody Dilution: 1.0ug/ml MNT is supported by BioGPS gene expression data to be expressed in HepG2



Western Blotting

Image 3. Host: Rabbit Target Name: MNT Sample Type: Human Fetal Lung Antibody Dilution: 1.0ug/ml

