

Datasheet for ABIN5517930  
**anti-MNT antibody (C-Term)**



[Go to Product page](#)

1 Image

## Overview

Quantity:	100 µL
Target:	MNT
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Cow, Dog, Rabbit, Horse, Guinea Pig, Zebrafish (Danio rerio)
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 C-terminal region of Human MNT
Sequence:	AAPAQTLVPA PAHLVATAGG GSTVIAHTAT THASVIQTVN HVLQGPGGKH
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Zebrafish: 100%
Characteristics:	This is a rabbit polyclonal antibody against MNT. It was validated on Western Blot.
Purification:	Affinity Purified

## Target Details

Target:	MNT
Alternative Name:	MNT ( <a href="#">MNT Products</a> )

## Target Details

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Background:	<p>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.</p> <p>Alias Symbols: MNT, BHLHD3, ROX,</p> <p>Protein Interaction Partner: Dlg4, ELAVL1, CEBPA, MAX, MAD1L1, MYC, HDAC1, SIN3A, MNT, MLX, HMGB1,</p> <p>Protein Size: 582</p>
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Gene ID:	4335
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NCBI Accession:	<a href="#">NP_064706</a>
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UniProt:	<a href="#">Q99583</a>
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Pathways:	<a href="#">Chromatin Binding</a> , <a href="#">Regulation of Muscle Cell Differentiation</a>
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## Application Details

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Application Notes:	Optimal working dilution should be determined by the investigator.
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Restrictions:	For Research Use only
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## Handling

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Format:	Liquid
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Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
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Preservative:	Sodium azide
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Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
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Storage:	-20 °C
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## Handling

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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

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### Western Blotting

**Image 1.** Host: Rabbit Target Name: MNT Sample Type: Fetal Lung lysates Antibody Dilution: 1.0ug/ml