

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

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
	MAIT (MANT Dreaducts)
Alternative Name:	MNT (MNT Products)

Target Details

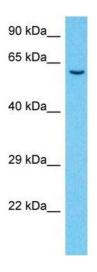
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Background:	The Myc/Max/Mad network comprises a group of transcription factors that co-interact to
	regulate gene-specific transcriptional activation or repression. This gene encodes a protein member of the Myc/Max/Mad network. This protein has a basic-Helix-Loop-Helix-zipper
	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.
	Alias Symbols: MNT, BHLHD3, ROX,
	Protein Interaction Partner: Dlg4, ELAVL1, CEBPA, MAX, MAD1L1, MYC, HDAC1, SIN3A, MNT,
	MLX, HMGB1,
	Protein Size: 582
Gene ID:	4335
NCBI Accession:	NP_064706
UniProt:	Q99583
Pathways:	Chromatin Binding, Regulation of Muscle Cell Differentiation
Application Details	
Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only
Handling	
Format:	Liquid
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.
Storage:	-20 °C

Handling

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