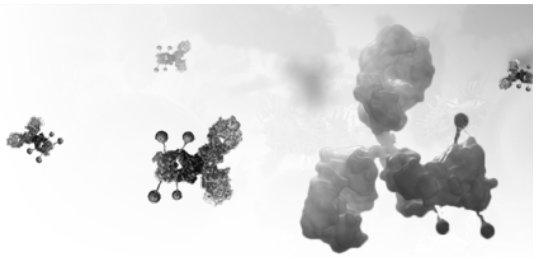

Anti-MNT (aa 473-582) polyclonal antibody (DPAB-DC1938)

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

PRODUCT INFORMATION

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.
Immunogen	MNT (NP_064706, 473 a.a. ~ 582 a.a) partial recombinant protein with GST tag. The sequence is SAPSPAVQLAPATPPIGHITVHPATLNHVAHLGSQLPLYPQPVAVSHIAHTLSHQQVNGT AGLGPPATVMAKPAVGAQVVHHPQLVGQTVLNPVTMVTMPSFPVSTLKLA
Source/Host	Mouse
Species Reactivity	Human
Conjugate	Unconjugated
Applications	WB (Recombinant protein), ELISA,
Size	50 µl
Buffer	50 % glycerol
Preservative	None
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

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GENE INFORMATION

Gene Name	MNT MAX network transcriptional repressor [Homo sapiens (human)]
Official Symbol	MNT
Synonyms	MNT; MAX network transcriptional repressor; ROX; MAD6; MXD6; bHLHd3; max-binding protein MNT; myc antagonist MNT; MAX binding protein; Max-interacting protein; MNT, MAX dimerization protein; class D basic helix-loop-helix protein 3;
Entrez Gene ID	4335
Protein Refseq	NP_064706
UniProt ID	Q99583
Chromosome Location	17p13.3
Function	RNA polymerase II regulatory region sequence-specific DNA binding; RNA polymerase II transcription regulatory region sequence-specific DNA binding transcription factor activity involved in negative regulation of transcription; chromatin binding; protein d

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