

MNT Antibody - C-terminal region

Rabbit Polyclonal Antibody

Catalog # AI10070

Product Information

Application	WB
Primary Accession	Q99583
Other Accession	Q99583 , NP_064706
Reactivity	Human
Predicted	Human, Mouse, Rat, Rabbit, Zebrafish, Pig, Dog, Guinea Pig, Horse, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	62300

Additional Information

Gene ID	4335
Alias Symbol Other Names	MNT, BHLHD3, ROX, Max-binding protein MNT, Class D basic helix-loop-helix protein 3, bHLHd3, Myc antagonist MNT, Protein ROX, MNT, BHLHD3, ROX
Target/Specificity	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.
Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Reconstitution & Storage	Add 50 ul, l of distilled water. Final Anti-MNT antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at -20°C. Avoid repeat freeze-thaw cycles.
Precautions	MNT Antibody - C-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

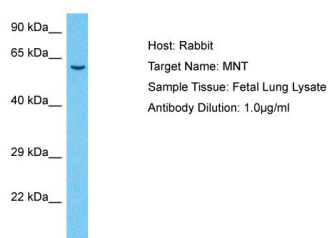
Name	MNT
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Synonyms	BHLHD3, ROX
Function	Binds DNA as a heterodimer with MAX and represses transcription. Binds to the canonical E box sequence 5'-CACGTG-3' and, with higher affinity, to 5'-CACGCG-3'.
Cellular Location	Nucleus.

Background

This is a rabbit polyclonal antibody against MNT. It was validated on Western Blot by Abgent. At Abgent we manufacture rabbit polyclonal antibodies on a large scale (200-1000 products/month) of high throughput manner. Our antibodies are peptide based and protein family oriented. We usually provide antibodies covering each member of a whole protein family of your interest. We also use our best efforts to provide you antibodies recognize various epitopes of a target protein. For availability of antibody needed for your experiment, please inquire (sales@abgent.com).

Images



MNT Antibody (AI10070) in Human Fetal Lung using Western Blot
Host: Rabbit
Target Name: MNT
Sample Tissue: Fetal Lung lysates
Antibody Dilution: 1.0 µg/ml

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.