

MNT Antibody - C-terminal region
Rabbit Polyclonal Antibody
Catalog # AI10070**Specification**

MNT Antibody - C-terminal region - Product Information

Application	WB
Primary Accession	O99583
Other Accession	O99583 , NP_064706
Reactivity	Human
Predicted	Human, Mouse, Rat, Rabbit, Zebrafish, Pig, Dog, Guinea Pig, Horse, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	64 kDa KDa

MNT Antibody - C-terminal region - Additional Information**Gene ID** 4335**Alias Symbol** MNT, BHLHD3, ROX,**Other Names**

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.

MNT Antibody - C-terminal region - Protein Information**Name** MNT

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

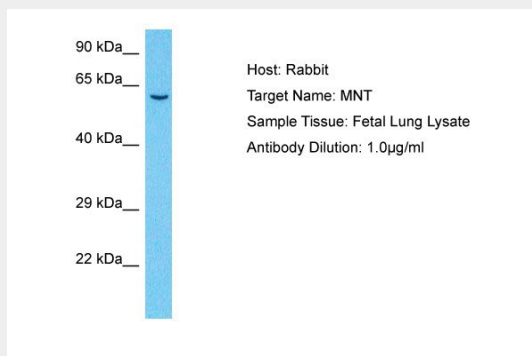
Nucleus.

MNT Antibody - C-terminal region - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

MNT Antibody - C-terminal region - Images



MNT Antibody (AI10070) in Human Fetal Lung using Western Blot

Host: Rabbit

Target Name: MNT

Sample Tissue: Fetal Lung lysates

Antibody Dilution: 1.0µg/ml

MNT Antibody - C-terminal region - 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).