

MNT Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP50615**Specification**

MNT Antibody - Product Information

Application	WB
Primary Accession	Q99583
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	62 KDa
Antigen Region	318-351

MNT Antibody - Additional Information**Gene ID** 4335**Other Names**

Max-binding protein MNT, Class D basic helix-loop-helix protein 3, bHLHd3, Myc antagonist MNT, Protein ROX, MNT, BHLHD3, ROX

Dilution

WB~~ 1:1000

Format

Rabbit IgG in phosphate buffered saline (without Mg²⁺ and Ca²⁺), pH 7.4, 150mM NaCl, 0.09% (W/V) sodium azide and 50% glycerol.

Storage Conditions

-20°C

MNT Antibody - 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

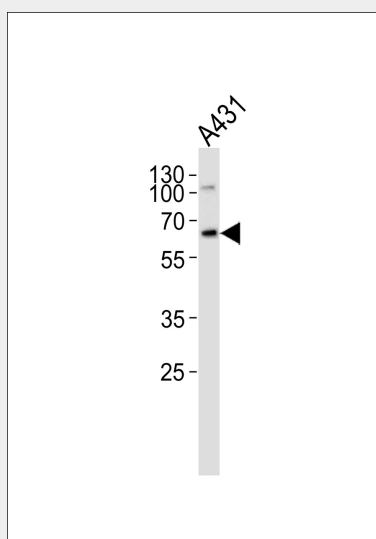
Nucleus.

MNT Antibody - 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 - Images



Western blot analysis of lysate from A431 cell line, using MNT Antibody (AP50615). AP50615 was diluted at 1:1000. A goat anti-rabbit IgG H&L (HRP) at 1:5000 dilution was used as the secondary antibody. Lysate at 35 µg.

MNT Antibody - Background

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'.

MNT Antibody - References

Meroni G., et al. EMBO J. 16:2892-2906 (1997).
Nigro C.L., et al. Genomics 49:275-282 (1998).
Ota T., et al. Nat. Genet. 36:40-45 (2004).
Mural R.J., et al. Submitted (SEP-2005) to the EMBL/GenBank/DDBJ databases.
Van Damme P., et al. Proc. Natl. Acad. Sci. U.S.A. 109:12449-12454 (2012).