

MNT Antibody

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP50615

Product Information

Application	WB
Primary Accession	Q99583
Reactivity	Human
Host	Rabbit
Clonality	polyclonal
Calculated MW	62300

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

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.

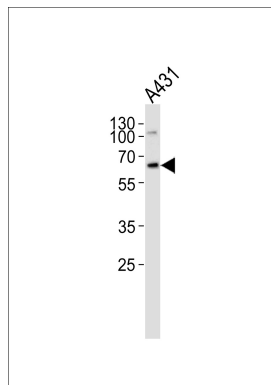
Background

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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).

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 35ug.

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