

MXD1 Antibody (N-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP17158a**Specification**

MXD1 Antibody (N-term) - Product Information

Application	WB,E
Primary Accession	Q05195
Other Accession	NP_002348.1
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	25254
Antigen Region	23-50

MXD1 Antibody (N-term) - Additional Information**Gene ID** 4084**Other Names**

Max dimerization protein 1, Max dimerizer 1, Protein MAD, MXD1, MAD

Target/Specificity

This MXD1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 23-50 amino acids from the N-terminal region of human MXD1.

Dilution

WB~~1:1000

E~~Use at an assay dependent concentration.

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

MXD1 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

MXD1 Antibody (N-term) - Protein Information**Name** MXD1**Synonyms** MAD

Function Component of a transcriptional repressor complex together with MAX (PubMed:[8425218](#)). In complex with MAX binds to the core DNA sequence 5'-CAC[GA]TG-3' (PubMed:[8425218](#)). Antagonizes MYC transcriptional activity by competing with MYC for MAX binding (PubMed:[8425218](#)). Binds to the TERT promoter and represses telomerase expression, possibly by interfering with MYC binding (PubMed:[12837246](#)).

Cellular Location

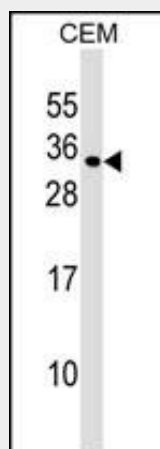
Nucleus.

MXD1 Antibody (N-term) - 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](#)

MXD1 Antibody (N-term) - Images



MXD1 Antibody (N-term) (Cat. #AP17158a) western blot analysis in CEM cell line lysates (35ug/lane). This demonstrates the MXD1 antibody detected the MXD1 protein (arrow).

MXD1 Antibody (N-term) - Background

MAX dimerization protein belongs to a subfamily of MAX-interacting proteins. This protein competes with MYC for binding to MAX to form a sequence-specific DNA-binding complex, acts as a transcriptional repressor (while MYC appears to function as an activator) and is a candidate tumor suppressor. [provided by RefSeq].

MXD1 Antibody (N-term) - References

Wu, S., et al. Exp. Cell Res. 315(18):3099-3111(2009)
Chou, C.K., et al. Mol. Carcinog. 48(11):1048-1058(2009)

Zhu, J., et al. Proc. Natl. Acad. Sci. U.S.A. 105(18):6584-6589(2008)
Jiang, K., et al. Nucleic Acids Res. 36(5):1517-1531(2008)
Suo, X.H., et al. Zhonghua Xue Ye Xue Za Zhi 28(11):745-749(2007)