

Anti-MXD4 Antibody
Catalog # AP54092**Specification**

Anti-MXD4 Antibody - Product Information

Application	WB, IH
Primary Accession	Q14582
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	23528

Anti-MXD4 Antibody - Additional Information**Gene ID** 10608**Other Names**

BHLHC12; MAD4; Max dimerization protein 4; Max dimerizer 4; Class C basic helix-loop-helix protein 12; bHLHC12; Max-associated protein 4; Max-interacting transcriptional repressor MAD4

Target/Specificity

Recognizes endogenous levels of MXD4 protein.

Dilution

WB~~1/500 - 1/1000

IH~~1/50 - 1/200

Format

Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.09% (W/V) sodium azide.

Storage

Store at -20 °C.Stable for 12 months from date of receipt

Anti-MXD4 Antibody - Protein Information**Name** MXD4**Synonyms** BHLHC12, MAD4**Function**

Transcriptional repressor. Binds with MAX to form a sequence- specific DNA-binding protein complex which recognizes the core sequence 5'-CAC[GA]TG-3'. Antagonizes MYC transcriptional activity by competing for MAX and suppresses MYC dependent cell transformation (By similarity).

Cellular Location

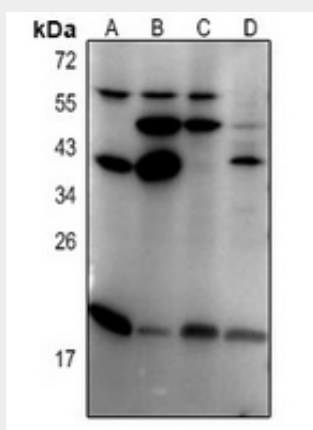
Nucleus {ECO:0000255|PROSITE-ProRule:PRU00981}.

Anti-MXD4 Antibody - Protocols

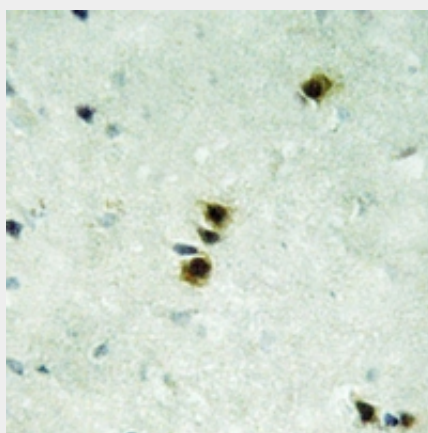
Provided below are standard protocols that you may find useful for product applications.

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

Anti-MXD4 Antibody - Images



Western blot analysis of MXD4 expression in NIH3T3 (A), PMVEC (B), HeLa (C), A375 (D) whole cell lysates.



Immunohistochemical analysis of MXD4 staining in human brain formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

Anti-MXD4 Antibody - Background

Rabbit polyclonal antibody to MXD4