

DNAxPAb

Hard-to-Find
Antibody

MXD4 DNAxPab

Catalog # H00010608-W01P

Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human MXD4 DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	Full-length human DNA
Sequence	MELNSLLILLEAAEYLERRDREAHEGYASVLPFDGDFAREKTKAAGLVRKAPNNRSSHNELEKHR RAKLRLYLEQLKQLVPLGPDSTRHTTLLKRAKVHIKKLEEQDRRALSIKEQLQQEHRFLKRRLE QLSVQSVERVRTDSTGSAVSTDDSEQEVDIEGMEFGPGELDSVGSSSDADDHYSLSQSGTGGDS GFGPHCRRLGRPALS
Host	Rabbit
Reactivity	Human
Purification	Protein A
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)
- Flow Cytometry (Transfected cell)

Gene Info — MXD4

Entrez GeneID [10608](#)**GeneBank Accession#** [NM_006454.2](#)**Protein Accession#** [NP_006445.1](#)**Gene Name** MXD4**Gene Alias** MAD4, MST149, MSTP149, bHLHc12**Gene Description** MAX dimerization protein 4**Gene Ontology** [Hyperlink](#)

Gene Summary This gene is a member of the MAD gene family . The MAD genes encode basic helix-loop-helix-leucine zipper proteins that heterodimerize with MAX protein, forming a transcriptional repression complex. The MAD proteins compete for MAX binding with MYC, which heterodimerizes with MAX forming a transcriptional activation complex. Studies in rodents suggest that the MAD genes are tumor suppressors and contribute to the regulation of cell growth in differentiating tissues. [provided by RefSeq]

Other Designations MAD4|Mad4 homolog