

MXD4 Polyclonal Antibody

Catalog No: #29851

Package Size: #29851-1 50ul #29851-2 100ul

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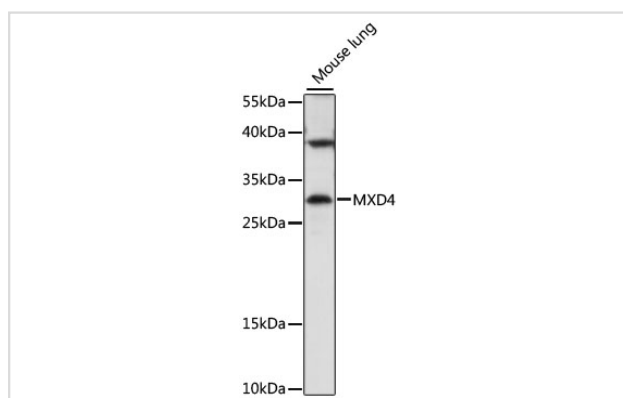
Description

Product Name	MXD4 Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Affinity purification
Applications	WB
Species Reactivity	Mouse
Immunogen Description	Recombinant fusion protein of human MXD4 (NP_006445.1).
Other Names	MXD4; MAD4; MST149; MSTP149; bHLHc12; max dimerization protein 4
Accession No.	Swiss-Prot#:Q14582NCBI Gene ID:10608
Uniprot	Q14582
GeneID	10608;
Calculated MW	30kDa
Formulation	Avoid freeze / thaw cycles. Buffer: PBS with 50% glycerol, pH7.4.
Storage	Store at -20°C

Application Details

WB 1:500 - 1:2000

Images



Western blot analysis of extracts of mouse lung, using MXD4 at 1:1000 dilution.

Background

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.

Note: This product is for in vitro research use only