

MXD4 Rabbit pAb

Catalog No.: A16485

Basic Information

Observed MW

30kDa

Calculated MW

24kDa

Category

Primary antibody

Applications

ELISA, WB

Cross-Reactivity

Mouse

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.

Recommended Dilutions

WB 1:500 - 1:2000

Immunogen Information

Gene ID

10608

Swiss Prot

Q14582

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 110-209 of human MXD4 (NP_006445.1).

Synonyms

MAD4; MST149; MSTP149; bHLHc12; MXD4

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

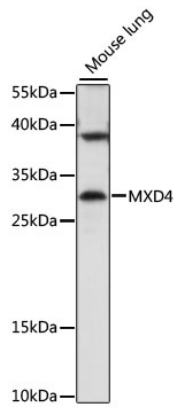
Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.01% thimerosal, 50% glycerol, pH 7.3.

Validation Data



Western blot analysis of lysates from mouse lung, using MXD4 Rabbit pAb (A16485) at 1:1000 dilution.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25 μ g per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 5s.