Rabbit MXD4 Polyclonal Antibody | anti-MXD4 antibody

MXD4 antibody - N-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA197460	**Rabbit**	**Cow, Dog, Guinea Pig, Human, Mouse, Rabbit, Sheep**	**Immunohistochemistry, Western Blot**

PRODUCT SYNONYMS

MXD4; Polyclonal Antibody; MXD4 antibody - N-terminal region; anti-MXD4 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Human, Mouse, Rabbit, Sheep
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Syntheticp eptideloca tedwithint hefollowin gregion:SL LILLEAAEYL ERRDREAEHG YASVLPFDGD FAREKTKAAG LVRKAPNN
Sequence Length	209
Applicable Applications for anti-MXD4 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Homology	Cow: 93%; Dog: 93%; Guinea Pig: 93%; Human: 100%; Mouse: 86%; Rabbit: 93%; Sheep: 93%
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human MXD4
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES

WB (Western Blot)
WB Suggested Anti-MXD4 Antibody Titration: 0.2-1 ug/mlELISA Titer: 1:312500Positive Control: Jurkat cell lysate

IHC (Immunohistochemistry)
MXD4 antibody - N-terminal regionFormalin Fixed Paraffin Embedded Tissue: Human Lung TissueObserved Staining: Nucleus of pneumocytesPrimary Antibody Concentration: 1:100Other Working Concentrations: 1/600Secondary Antibody: Donkey anti-Rabbit-Cy3Secondary Antibody Concentration: 1:200Magnification: 20XExposure Time: 0.5 - 2.0 sec

ADDITIONAL INFORMATION

Related Product Information for anti-MXD4 antibody	This is a rabbit polyclonal antibody against MXD4. It was validated on Western Blot using a cell lysate as a positive control. Target Description: MXD4 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.
Product Categories/Family for anti-MXD4 antibody	Polyclonal; Transcription Factor; Transcription Regulation; DNA/RNA/Protein Interactions; Transcription Factors

NCBI AND UNIPROT INFORMATION

NCBI GI #	5453734
NCBI GeneID	10608
NCBI Accession #	NP_006445
NCBI GenBank Nucleotide #	NM_006454
UniProt Accession #	Q14582
Molecular Weight	24kDa
NCBI Official Full Name	max dimerization protein 4
NCBI Official Synonym Full Names	MAX dimerization protein 4
NCBI Official Symbol	MXD4
NCBI Official Synonym Symbols	MAD4; MST149; MSTP149; bHLHc12
NCBI Protein Information	max dimerization protein 4
UniProt Protein Name	Max dimerization protein 4
UniProt Gene Name	**MXD4**
UniProt Synonym Gene Names	BHLHC12; MAD4; Max dimerizer 4; bHLHc12
UniProt Entry Name	MAD4_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: https://stage.aaabiotech.com/polyclonal/mxd4-antibody-immunohistochemistry-western-blot-elisa/197460