

Rabbit MXD1 Polyclonal Antibody | anti-MXD1 antibody

MXD1 Antibody

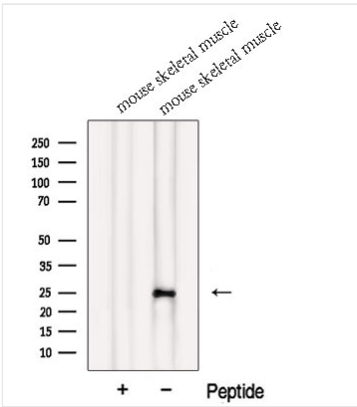
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA328688	Rabbit	Human, Mouse, RatPredicted: Pig, Zebrafish, Bovine, Horse, Sheep, Rabbit, Dog, Xenopus	Western Blot

PRODUCT SYNONYMS

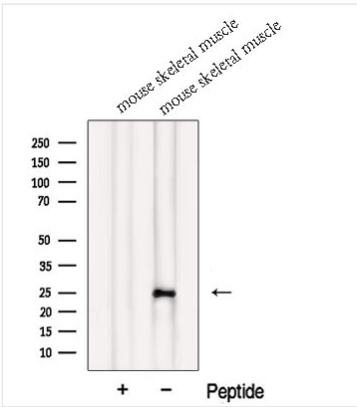
MXD1; Polyclonal Antibody; MXD1 Antibody; MAD; MAD protein; MAD1; MAD1_HUMAN; MAX dimerization protein 1; Max dimerizer 1; Mxd1; Protein MAD; anti-MXD1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat Predicted: Pig, Zebrafish, Bovine, Horse, Sheep, Rabbit, Dog, Xenopus
Clonality	Polyclonal
Isotype	IgG
Specificity	MXD1 Antibody detects endogenous levels of MXD1.
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin (Thermo Fisher Scientific).
Form/Format	Liquid; Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	220
Applicable Applications for anti-MXD1 antibody	WB (Western Blot)
Immunogen	A synthesized peptide derived from human MXD1.
Fragment	Fab Fragment
Conjugate	Unconjugated
Subcellular Location	Nucleus
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.



WB (Western Blot)
Western blot analysis of extracts from Mouse skeletal muscle tissue, using MXD1 Antibody. The lane on the left was treated with blocking peptide.



WB (Western Blot)
Western blot analysis of extracts from HepG2, using MXD1 Antibody. The lane on the left was treated with blocking peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-MXD1 antibody	Description: Transcriptional repressor. MAD binds with MAX to form a sequence-specific DNA-binding protein complex which recognizes the core sequence 5'-CAC[GA]TG-3'. MAD thus antagonizes MYC transcriptional activity by competing for MAX.
	Post Translational Modifications: Ubiquitinated by BIRC2/c-IAP1, leading to its subsequent degradation by the proteasome.
	Subunit Structure: Efficient DNA binding requires dimerization with another bHLH protein. Binds DNA as a heterodimer with MAX. Interacts with RNF17 (By similarity).

NCBI AND UNIPROT INFORMATION

NCBI GI #	219518934
NCBI GeneID	4084
UniProt Accession #	Q05195
Molecular Weight	Observed: 25 kDa Predicted: 26 kDa
NCBI Official Full Name	MXD1 protein
NCBI Official Synonym Full Names	MAX dimerization protein 1
NCBI Official Symbol	MXD1
NCBI Official Synonym Symbols	MAD; MAD1; BHLHC58
NCBI Protein Information	max dimerization protein 1
UniProt Protein Name	Max dimerization protein 1
UniProt Gene Name	MXD1
UniProt Synonym Gene Names	MAD; Max dimerizer 1
UniProt Entry Name	MAD1_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.