

Rabbit MXI1 Polyclonal Antibody | anti-MXI1 antibody

MXI1 antibody - middle region

CATALOG # AAA197159	HOST Rabbit	REACTIVITY Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Yeast, Zebrafish	APPLICATIONS Western Blot
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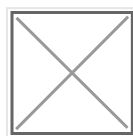
PRODUCT SYNONYMS

MXI1; Polyclonal Antibody; MXI1 antibody - middle region; anti-MXI1 antibody

PRODUCT SPECIFICATIONS

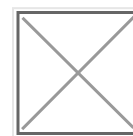
Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Yeast, Zebrafish
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following sequence: QG PQEMERIRMD SIGSTISSDR SDSEREEIEV DVESTEFESHG EVDNISTT
Sequence Length	295
Applicable Applications for anti-MXI1 antibody	WB (Western Blot)
Homology	Cow: 100%; Dog: 100%; Guinea Pig: 100%; Horse: 79%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%; Yeast: 90%; Zebrafish: 77%
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human MXI1
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-MXI1 Antibody Titration: 0.2-1 ug/ml
ELISA Titer: 1:62500
Positive Control: SH-SY5Y cell lysate
MXI1 is supported by BioGPS gene expression data to be expressed in SH-SY5Y



WB (Western Blot)

Host: Mouse
Target Name: MXI1
Sample Tissue: Mouse Testis
Antibody Dilution: 1ug/ml

ADDITIONAL INFORMATION

Related Product Information for anti-MXI1 antibody	This is a rabbit polyclonal antibody against MXI1. It was validated on Western Blot using a cell lysate as a positive control. Target Description: Expression of the c-myc gene, which produces an oncogenic transcription factor, is tightly regulated in normal cells but is frequently deregulated in human cancers. The MXI1 gene encodes a transcriptional repressor protein thought to negatively regulate MYC function, and is therefore a potential tumor suppressor. This protein inhibits the transcriptional activity of MYC by competing for MAX, another basic helix-loop-helix protein that binds to MYC and is required for its function. Defects in MXI1 are frequently found in patients with prostate tumors. Expression of the c-myc gene, which produces an oncogenic transcription factor, is tightly regulated in normal cells but is frequently deregulated in human cancers. The protein encoded by this gene is a transcriptional repressor thought to negatively regulate MYC function, and is therefore a potential tumor suppressor. This protein inhibits the transcriptional activity of MYC by competing for MAX, another basic helix-loop-helix protein that binds to MYC and is required for its function. Defects in this gene are frequently found in patients with prostate tumors. Three alternatively spliced transcripts encoding different isoforms have been described. Additional alternatively spliced transcripts may exist but the products of these transcripts have not been verified experimentally.
Product Categories/Family for anti-MXI1 antibody	Polyclonal; Transcription Factor; Transcription Regulation; Transcription Regulation; Disease Related; Transcription Factors

NCBI AND UNIPROT INFORMATION

NCBI GI #	47717116
NCBI GeneID	4601
NCBI Accession #	NP_569157
NCBI GenBank Nucleotide #	NM_130439
UniProt Accession #	P50539
Molecular Weight	33kDa
NCBI Official Full Name	max-interacting protein 1 isoform b
NCBI Official Synonym Full Names	MAX interactor 1, dimerization protein
NCBI Official Symbol	MXI1
NCBI Official Synonym Symbols	MXI; MAD2; MXD2; bHLHc11
NCBI Protein Information	max-interacting protein 1
UniProt Protein Name	Max-interacting protein 1
UniProt Gene Name	MXI1
UniProt Synonym Gene Names	BHLHC11; Max interactor 1; bHLHc11
UniProt Entry Name	MXI1_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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/mxi1-antibody-western-blot-elisa/197159>