

Rabbit MDM4 Polyclonal Antibody | anti-MDM4 antibody

MDM4 antibody - N-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA201689	Rabbit	Cow, Dog, Horse, Human, Pig, Rabbit	Western Blot

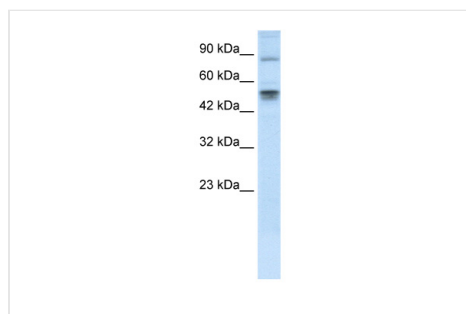
PRODUCT SYNONYMS

MDM4; Polyclonal Antibody; MDM4 antibody - N-terminal region; anti-MDM4 antibody

PRODUCT SPECIFICATIONS

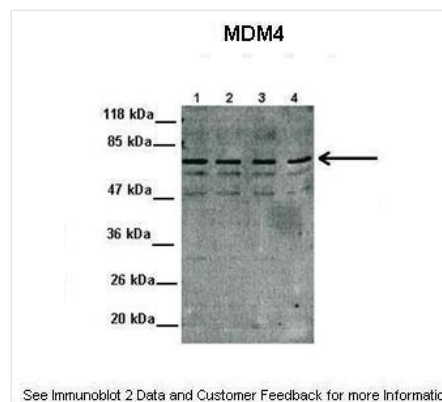
Host	Rabbit
Reactivity	Cow, Dog, Horse, Human, Pig, Rabbit
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: IP SQDQLKQSAE ESSTSRKRTT EDDIPTLPST EHKCIHSRED EDLIENLA
Sequence Length	490
Applicable Applications for anti-MDM4 antibody	WB (Western Blot)
Homology	Cow: 80%; Dog: 93%; Horse: 93%; Human: 100%; Pig: 86%; Rabbit: 80%
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human MDM4
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-MDM4 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:62500 Positive

Control: HepG2 cell lysate


WB (Western Blot)

Lanes: 1. 10 ug MCF7 cell lysate 2. 10 ug MCF7 cell lysate 3. 10 ug MCF7 cell lysate 4. 10 ug MCF7 cell lysate
Primary Antibody Dilution: 1:1000 Secondary Antibody: Anti-Rabbit HRP
Secondary Antibody Dilution: 1:10,000 Gene Name: MDM4 Submitted by: Anonymous

ADDITIONAL INFORMATION

Related Product Information for anti-MDM4 antibody	This is a rabbit polyclonal antibody against MDM4. It was validated on Western Blot using a cell lysate as a positive control. Target Description: MDM4 inhibits p53- and p73-mediated cell cycle arrest and apoptosis by binding its transcriptional activation domain. It inhibits degradation of MDM2. It can reverse MDM2-targeted degradation of p53 while maintaining suppression of p53 transactivation and apoptotic functions. The human MDM4 gene, which plays a role in apoptosis, encodes a 490-amino acid protein containing a RING finger domain and a putative nuclear localization signal. The MDM4 putative nuclear localization signal, which all Mdm proteins contain, is located in the C-terminal region of the protein. The mRNA is expressed at a high level in thymus and at lower levels in all other tissues tested. MDM4 protein produced by in vitro translation interacts with p53 via a binding domain located in the N-terminal region of the MDM4 protein. MDM4 shows significant structural similarity to p53-binding protein MDM2. Publication Note: This RefSeq record includes a subset of the publications that are available for this gene. Please see the Entrez Gene record to access additional publications.
Product Categories/Family for anti-MDM4 antibody	Polyclonal; Transcription Factor; Signal Proteins; Transcription Regulation; Chromatin & Nuclear Signaling; Disease Related; DNA/RNA/Protein Interactions; Hypoxia; Transcription Factors

NCBI AND UNIPROT INFORMATION

NCBI GI #	88702791
NCBI GeneID	4194
NCBI Accession #	NP_002384
NCBI GenBank Nucleotide #	NM_002393
UniProt Accession #	O15151
Molecular Weight	55kDa
NCBI Official Full Name	protein Mdm4 isoform 1
NCBI Official Synonym Full Names	MDM4 regulator of p53
NCBI Official Symbol	MDM4
NCBI Official Synonym Symbols	HDMX; MDMX; MRP1
NCBI Protein Information	protein Mdm4
UniProt Protein Name	Protein Mdm4
UniProt Gene Name	MDM4
UniProt Synonym Gene Names	MDMX
UniProt Entry Name	MDM4_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/mdm4-antibody-western-blot-elisa/201689>