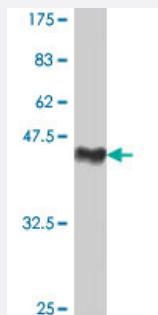


MDM4 polyclonal antibody (A01)

Catalog # H00004194-A01

Size 50 uL

Applications



Western Blot detection against Immunogen (38.21 KDa) .

Specification

Product Description	Mouse polyclonal antibody raised against a partial recombinant MDM4.
Immunogen	MDM4 (NP_002384, 381 a.a. ~ 490 a.a) partial recombinant protein with GST tag.
Sequence	ENSKLFDPCNSVEFLDLAHSSSESQETISSMGEQLDNLSEQRDTENMEDCQNLLKPCSLCEKRP RDGNIHIGRTGHLVTCFHCARRLKKAGASCPICKKEIQLVIKVFIA
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (80); Rat (81)
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (38.21 KDa) .
Storage Buffer	50 % glycerol
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — MDM4

Entrez GeneID [4194](#)

GeneBank Accession# [NM_002393](#)

Protein Accession# [NP_002384](#)

Gene Name MDM4

Gene Alias DKFZp781B1423, HDMX, MDMX, MGC132766, MRP1

Gene Description Mdm4 p53 binding protein homolog (mouse)

Omim ID [602704](#)

Gene Ontology [Hyperlink](#)

Gene Summary

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. Two transcript variants, one protein-coding and the other likely not to be protein-coding, have been found for this gene. [provided by RefSeq]

Other Designations

MDM4-related protein 1|Mdm4, transformed 3T3 cell double minute 4, p53 binding protein|double minute 4, human homolog of; p53-binding protein|mouse double minute 4 homolog|p53-binding protein

Pathway

- [p53 signaling pathway](#)

Disease

- [Breast cancer](#)

- [Breast Neoplasms](#)
- [Carcinoma](#)
- [Genetic Predisposition to Disease](#)
- [Head and Neck Neoplasms](#)
- [Narcolepsy](#)
- [Neoplasm Recurrence](#)
- [Neoplasms](#)
- [Tobacco Use Disorder](#)