

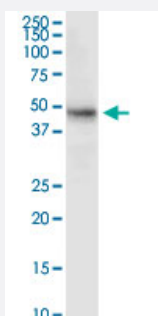
MaxPab®

MDM4 purified MaxPab rabbit polyclonal antibody (D01P)

Catalog # H00004194-D01P

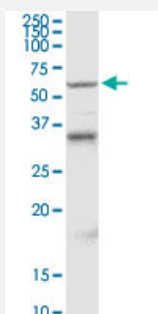
Size 100 ug

Applications



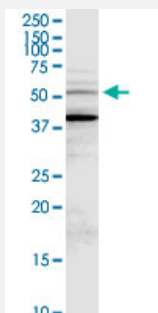
Western Blot (Tissue lysate)

MDM4 MaxPab rabbit polyclonal antibody. Western Blot analysis of MDM4 expression in human stomach.



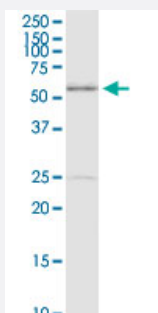
Western Blot (Tissue lysate)

MDM4 MaxPab rabbit polyclonal antibody. Western Blot analysis of MDM4 expression in mouse testis.



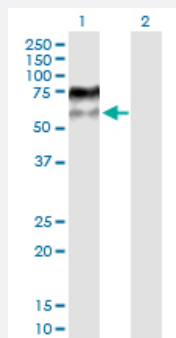
Western Blot (Cell lysate)

MDM4 MaxPab rabbit polyclonal antibody. Western Blot analysis of MDM4 expression in MCF-7.



Western Blot (Cell lysate)

MDM4 MaxPab rabbit polyclonal antibody. Western Blot analysis of MDM4 expression in PC-12.

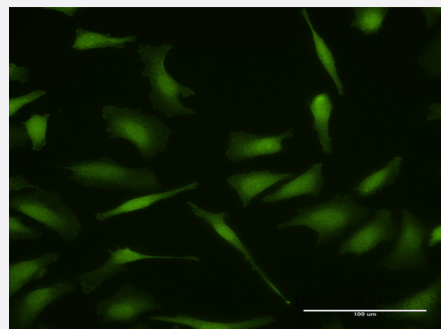


Western Blot (Transfected lysate)

Western Blot analysis of MDM4 expression in transfected 293T cell line ([H00004194-T02](#)) by MDM4 MaxPab polyclonal antibody.

Lane 1: MDM4 transfected lysate(54.90 kDa).

Lane 2: Non-transfected lysate.



Immunofluorescence

Immunofluorescence of purified MaxPab antibody to MDM4 on HeLa cell. [antibody concentration 10 ug/ml]

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human MDM4 protein.
Immunogen	MDM4 (NP_002384.2, 1 a.a. ~ 490 a.a) full-length human protein.
Sequence	MTSFSTSAQCSTSDSACRISPGQINQVRPKLPLLKILHAAGAQGEMFTVKEVMHYLGQYIMVKQLY DQQEQHMYCYGGDLLGELLGRQSFVSKDPSPLYDMLRKNLVTLATATTDAAQTLALAQDHSMDI PSQDQLKQSAEESSTSRKRTTEDDIPTLTSEHKCIHSREDEDLIENLAQDETSRLDLGFEEWDV AGLPWWFLGNLRSNYTPRSNGSTDLQTNQDVGTAVSDTTDDLWFLNESVSEQLGVGKVEAAD TEQTSEEVGKVSDDKKVIEVGKNDDLEDSKSLSDDTDVEVTSEDEWQCTECKKFNSPSKRYCFR CWALRKDWYSDCSKLTHSLSTSDITAIPEKENEGNDVPDCRRTISAPVVRPKDAYIKKENSCLFDP CNSVEFLDLAHSSSESQETISSMGEQLDNLSEQRTDTENMEDCQNLKPCSLCEKRPRDGNIIHGR TGHVTCFHCARRLKKAGASCPICKKEIQLVIKVFIA
Host	Rabbit
Reactivity	Human, Mouse, Rat
Interspecies Antigen Sequence	Mouse (84); Rat (84)
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Tissue lysate)

MDM4 MaxPab rabbit polyclonal antibody. Western Blot analysis of MDM4 expression in human stomach.

[Protocol Download](#)

- Western Blot (Tissue lysate)

MDM4 MaxPab rabbit polyclonal antibody. Western Blot analysis of MDM4 expression in mouse testis.

[Protocol Download](#)

- Western Blot (Cell lysate)

MDM4 MaxPab rabbit polyclonal antibody. Western Blot analysis of MDM4 expression in MCF-7.

[Protocol Download](#)

- Western Blot (Cell lysate)

MDM4 MaxPab rabbit polyclonal antibody. Western Blot analysis of MDM4 expression in PC-12.

[Protocol Download](#)

- Western Blot (Transfected lysate)

Western Blot analysis of MDM4 expression in transfected 293T cell line ([H00004194-T02](#)) by MDM4 MaxPab polyclonal antibody.

Lane 1: MDM4 transfected lysate(54.90 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Immunofluorescence

Immunofluorescence of purified MaxPab antibody to MDM4 on HeLa cell. [antibody concentration 10 ug/ml]

Gene Info — MDM4

Entrez GeneID	4194
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GeneBank Accession#	NM_002393
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Protein Accession#	NP_002384.2
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Gene Name	MDM4
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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](#)