

# MDM4 antibody - N-terminal region

Rabbit Polyclonal Antibody

Catalog # AI16185

## Product Information

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<b>Application</b>	WB
<b>Primary Accession</b>	<a href="#">O15151</a>
<b>Other Accession</b>	<a href="#">NM_002393</a> , <a href="#">NP_002384</a>
<b>Reactivity</b>	Human, Rabbit, Pig, Dog, Horse, Bovine
<b>Predicted</b>	Human, Rabbit, Pig, Dog, Horse, Bovine
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Calculated MW</b>	54864

## Additional Information

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<b>Gene ID</b>	4194
<b>Alias Symbol</b> <b>Other Names</b>	DKFZp781B1423, MDMX, MGC132766, MRP1, HDMX Protein Mdm4, Double minute 4 protein, Mdm2-like p53-binding protein, Protein Mdmx, p53-binding protein Mdm4, MDM4, MDMX
<b>Format</b>	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
<b>Reconstitution &amp; Storage</b>	Add 100 ul of distilled water. Final anti-MDM4 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.
<b>Precautions</b>	MDM4 antibody - N-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

## Protein Information

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<b>Name</b>	MDM4
<b>Synonyms</b>	MDMX
<b>Function</b>	Along with MDM2, contributes to TP53 regulation (PubMed: <a href="#">32300648</a> ). Inhibits p53/TP53- and TP73/p73-mediated cell cycle arrest and apoptosis by binding its transcriptional activation domain. Inhibits degradation of MDM2. Can reverse MDM2-targeted degradation of TP53 while maintaining suppression of TP53 transactivation and apoptotic functions.
<b>Cellular Location</b>	Nucleus.

## Tissue Location

Expressed in all tissues tested with high levels in thymus

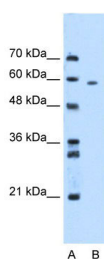
## Background

Inhibits p53/TP53- and TP73/p73-mediated cell cycle arrest and apoptosis by binding its transcriptional activation domain. Inhibits degradation of MDM2. Can reverse MDM2-targeted degradation of TP53 while maintaining suppression of TP53 transactivation and apoptotic functions.

## References

Shvarts A.,et al.Genomics 43:34-42(1997).  
Giglio S.,et al.Cancer Res. 65:9687-9694(2005).  
Suzuki Y.,et al.Submitted (APR-2005) to the EMBL/GenBank/DDBJ databases.  
Gregory S.G.,et al.Nature 441:315-321(2006).  
Rallapalli R.,et al.J. Cell. Biochem. 89:563-575(2003).

## Images



WB Suggested Anti-MDM4 Antibody Titration: 2.5 µg/ml  
Positive Control: HepG2 Whole Cell

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.