

MDM4 antibody - N-terminal region
Rabbit Polyclonal Antibody
Catalog # AI16185**Specification**

MDM4 antibody - N-terminal region - Product Information

Application	WB
Primary Accession	O15151
Other Accession	NM_002393 , NP_002384
Reactivity	Human, Rabbit, Pig, Horse, Bovine, Dog
Predicted	Human, Rabbit, Pig, Horse, Bovine, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	55kDa KDa

MDM4 antibody - N-terminal region - Additional Information**Gene ID** 4194**Alias Symbol** DKFZp781B1423, MDMX, MGC132766, MRP1, HDMX**Other Names**

Protein Mdm4, Double minute 4 protein, Mdm2-like p53-binding protein, Protein Mdmx, p53-binding protein Mdm4, MDM4, MDMX

Format

Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

Reconstitution & Storage

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.

Precautions

MDM4 antibody - N-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

MDM4 antibody - N-terminal region - Protein Information**Name** MDM4**Synonyms** MDMX**Function**

Along with MDM2, contributes to TP53 regulation (PubMed:32300648). 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.

Cellular Location

Nucleus.

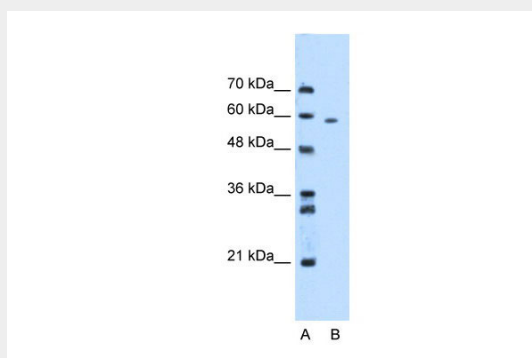
Tissue Location

Expressed in all tissues tested with high levels in thymus

MDM4 antibody - N-terminal region - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

MDM4 antibody - N-terminal region - Images

WB Suggested Anti-MDM4 Antibody Titration: 2.5 µg/ml

Positive Control: HepG2 Whole Cell

MDM4 antibody - N-terminal region - 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.

MDM4 antibody - N-terminal region - 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).