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MDM4 antibody - N-terminal region

Rabbit Polyclonal Antibody
Catalog # AI16185

Product Information

Application	WB
Primary Accession	O15151
Other Accession	NM_002393, NP_002384
Reactivity	Human, Rabbit, Pig, Dog, Horse, Bovine
Predicted	Human, Rabbit, Pig, Dog, Horse, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	54864

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.

Protein Information

Name	MDM4
Synonyms	MDMX
Function	Contributes to p53/TP53 regulation (PubMed: 32300648). Inhibits p53/TP53- and p73/TP73-mediated cell cycle arrest and apoptosis by binding their transcriptional activation domains. Inhibits degradation of MDM2. Can reverse MDM2-targeted degradation of TP53 while maintaining suppression of TP53 transactivation and apoptotic functions.
Cellular Location	Nucleus. Cytoplasm

Tissue Location	Expressed in all tissues tested with high levels in thymus

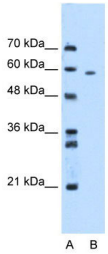
Background

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'.