

Datasheet for ABIN926007

anti-MDM4-binding Protein antibody (N-Term)[Go to Product page](#)**1** Image

Overview

Quantity:	100 µg
Target:	MDM4-binding Protein (MDM4)
Binding Specificity:	N-Term
Reactivity:	Human, Cow, Dog
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MDM4-binding Protein antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	MDM4 antibody was raised in rabbit using the N terminal of MDM4 as the immunogen
Cross-Reactivity:	Dog (Canine), Cow (Bovine)

Target Details

Target:	MDM4-binding Protein (MDM4)
Alternative Name:	MDM4 (MDM4 Products)
Background:	MDM4 inhibits p53- and p73-mediated cell cycle arrest and apoptosis by binding its transcriptional activation domain. inhibits degradation of MDM2. It can reverse MDM2-targeted degradation of p53 while maintaining suppression of p53 transactivation and apoptotic functions. 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

Target Details

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. Synonyms: Polyclonal MDM4 antibody, Anti-MDM4 antibody, Mdm4 p53 binding protein homolog, mouse antibody, DKFZp781B1423 antibody, MDMX antibody, MGC132766 antibody, MRP1 antibody.

Pathways: [Cell Division Cycle](#)

Application Details

Application Notes: Optimal conditions should be determined by the investigator.

Comment: MDM4 Blocking Peptide, catalog no. 33R-6211, is also available for use as a blocking control in assays to test for specificity of this MDM4 antibody

Restrictions: For Research Use only

Handling

Format: Lyophilized

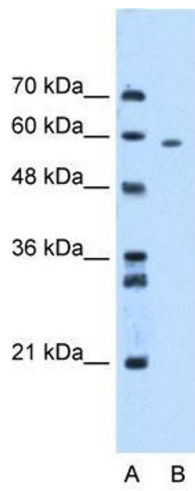
Concentration: Lot specific

Buffer: Lyophilized powder. Add 100 μ L of distilled water. Final antibody concentration is 1 mg/mL in PBS buffer.

Handling Advice: Avoid repeated freeze/thaw cycles.

Storage: 4 °C/-20 °C

Storage Comment: Store at 4 °C, following reconstitution, aliquot and store at -20 °C.



Western Blotting

Image 1. MDM4 antibody (20R-1306) used at 0.2-1 ug/ml to detect target protein.