

## Phospho-MDM2-S166

**Reactivity:**Human Mouse Rat

**Tested applications:**WB IF

**Recommended Dilution:**WB 1:500 - 1:1000 IF 1:50 - 1:100

**Calculated MW:**55kDa

**Observed MW:**Refer to Figures

**Immunogen:**

A phospho specific peptide corresponding to residues surrounding S166 of human MDM2

**Storage Buffer:**

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

**Concentration:**

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**Synonym:**

HDMX; hdm2; ACTFS;

**Catalog #:**AP0073

**Antibody Type:**

Polyclonal Antibody

**Species:**Rabbit

**Gene ID:**4193

**Isotype:**IgG

**Swiss Prot:**Q00987

**Purity:**Affinity purification

For research use only.

**Background:**

This gene encodes a nuclear-localized E3 ubiquitin ligase. The encoded protein can promote tumor formation by targeting tumor suppressor proteins, such as p53, for proteasomal degradation. This gene is itself transcriptionally-regulated by p53. Overexpression or amplification of this locus is detected in a variety of different cancers. There is a pseudogene for this gene on chromosome 2. Alternative splicing results in a multitude of transcript variants, many of which may be expressed only in tumor cells.

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