

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:

fl

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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