Anti-MDM2 Rabbit pAb

Purified Rabbit Polyclonal Antibody

Catalog # P100145

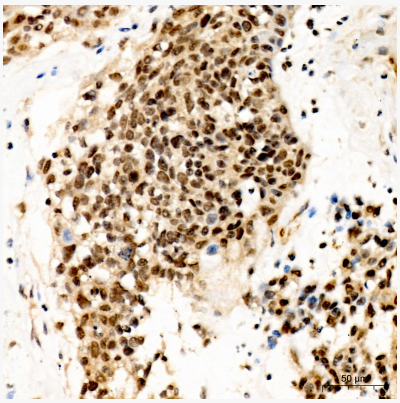
Product Information

Application	WB, IHC-P, ELISA
Reactivity	Human, Mouse
Dilution	WB 1:500~1:5000; IHC-P 1:50~1:200
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Label	Unconjugated
Immunogen	A synthetic peptide corresponding to a sequence within amino acids 231-330 of human MDM2 (NP_001354919.1).
Format	Affinity purified polyclonal antibody supplied in PBS with 0.02% sodium azide and 50% glycerol, pH 7.3.
Storage	Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage.
Precautions	Anti-MDM2 Rabbit pAb is for research use only and not for use in diagnostic or therapeutic procedures.

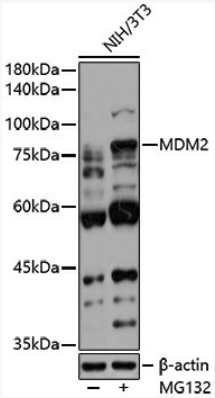
Protein Information

Synonyms	HDMX; LSKB; hdm2; ACTFS; MDM2.
Calculated MW	Calculated MW: 55 kDa; Observed MW: 90 kDa
Uniprot ID	Q00987
Gene ID	4193
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.

Validation Images



Immunohistochemistry analysis of paraffin-embedded Human urothelial carcinoma using MDM2 Rabbit pAb (P100145) at dilution of 1:50 (40× lens). High pressure antigen retrieval performed with 0.01M Citrate Bufferr (pH 6.0) prior to IHC staining.



Western blot analysis of lysates from NIH/3T3 cells, using MDM2 Rabbit pAb (P100145) at 1:1,000 dilution. NIH/3T3 cells were treated by MG132(50 μM) at 37°C for 90 minutes.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (LF102) at 1:10,000 dilution.
Lysates/proteins: 25μg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Kit.
Exposure time: 90s.