Anti-Phospho-MDM2 (Ser166) Rabbit pAb

Purified Rabbit Polyclonal Antibody

Catalog # P108753

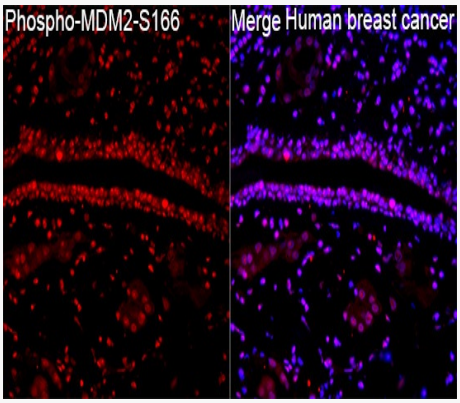
Product Information

Application	WB, IF (Tissue-P), ELISA
Reactivity	Human, Mouse, Rat
Dilution	WB 1:500~1:1000; IF 1:50~1:200
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Label	Unconjugated
Immunogen	A synthetic phosphorylated peptide around S166 of human MDM2 (NP_002383.2).
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-Phospho-MDM2 (Ser166) Rabbit pAb is for research use only and not for use in diagnostic or therapeutic procedures.

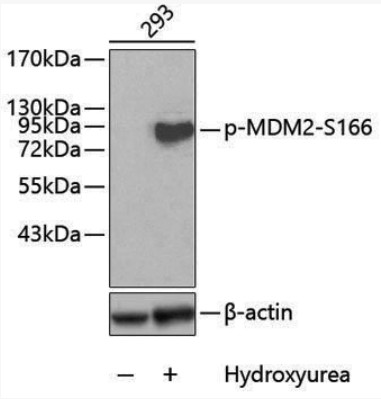
Protein Information

Synonyms	HDMX; LSKB; hdm2; ACTFS; Phospho-MDM2-S166.
Calculated MW	Calculated MW: 55 kDa; Observed MW: 95 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



Immunofluorescence analysis of paraffin-embedded Human breast cancer tissue using Phospho-MDM2-S166 Rabbit pAb (P108753) at a dilution of 1:100 (40× lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining. Perform high pressure antigen retrieval with 0.01 M citrate buffer (pH 6.0) prior to IF staining.



Western blot analysis of lysates from 293 cells, using Phospho-MDM2-S166 Rabbit pAb (P108753). 293 cells were treated by Hydroxyurea (4mM) for 20 hours.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (LF102) at 1:10,000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% BSA.