Datasheet for ABIN3020951

anti-MDM2 antibody (AA 130-230)

10 Images

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Overview

Quantity:	100 µL
Target:	MDM2
Binding Specificity:	AA 130-230
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MDM2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Immunogen:	A synthetic peptide corresponding to a sequence within amino acids 130-230 of human MDM2 (NP_002383.2).
Sequence:	ENRCHLEGGS DQKDLVQELQ EEKPSSSHLV SRPSTSSRRR AISETEENSD ELSGERQRKR HKSDSISLSF DESLALCVIR EICCERSSSS ESTGTPSNPD L
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Polyclonal Antibodies

Target Details

Target:	MDM2

Target Details

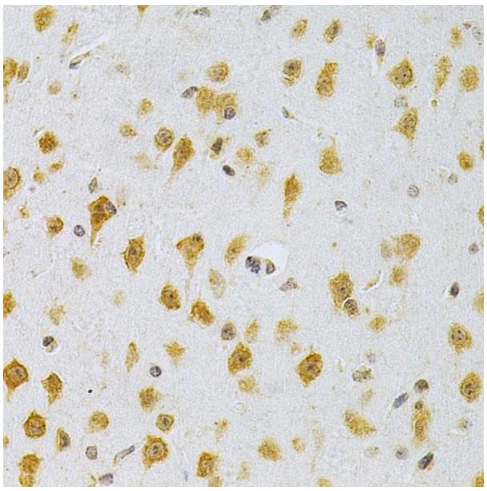
Alternative Name:	MDM2 (MDM2 Products)
Background:	This gene encodes a nuclear-localized E3 ubiquitin ligase. The encoded protein can promote tumor formation by targeting tumor suppressor proteins, such as p53, for proteasomal degradation. This gene is itself transcriptionally-regulated by p53. Overexpression 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.,MDM2,ACTFS,HDMX,hdm2,Epigenetics & Nuclear Signaling,Cancer,Tumor suppressors,p53 pathway,Signal Transduction,PI3K-Akt Signaling Pathway,ErbB-HER Signaling Pathway,Cell Biology & Developmental Biology,Cell Cycle,Cell cycle inhibitors,G2/M DNA Damage Checkpoint,Ubiquitin,Ubiquitin-Proteasome Signaling Pathway,Immunology & Inflammation,Neuroscience,MDM2
Molecular Weight:	11-14 kDa/24-55 kDa
Gene ID:	4193
UniProt:	Q00987
Pathways:	p53 Signaling, PI3K-Akt Signaling, Cell Division Cycle, Fc-epsilon Receptor Signaling Pathway, EGFR Signaling Pathway, Neurotrophin Signaling Pathway, Autophagy, Ubiquitin Proteasome Pathway

Application Details

Application Notes:	WB,1:500 - 1:2000,IHC,1:50 - 1:200,IF,1:50 - 1:200
Restrictions:	For Research Use only

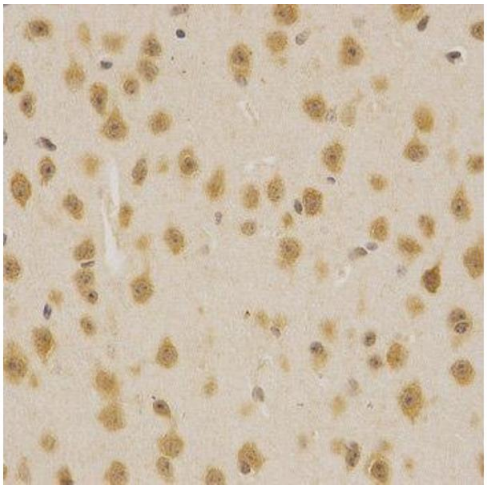
Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid freeze / thaw cycles
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



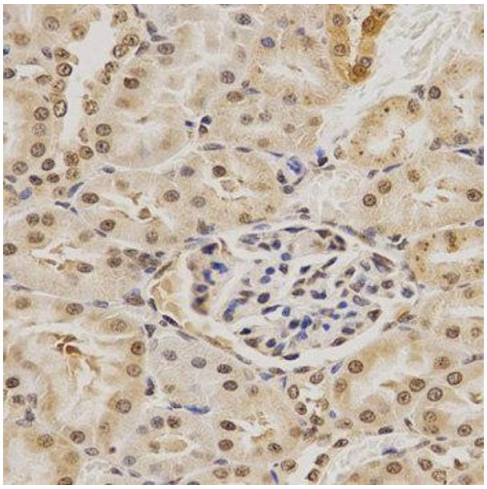
Immunohistochemistry

Image 1. Immunohistochemistry of paraffin-embedded mouse brain using MDM2 Antibody at dilution of 1:200 (40x lens).Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.



Immunohistochemistry

Image 2. Immunohistochemistry of paraffin-embedded mouse brain using MDM2 antibody at dilution of 1:200 (x400 lens).



Immunohistochemistry

Image 3. Immunohistochemistry of paraffin-embedded rat kidney using MDM2 antibody at dilution of 1:200 (x400 lens).

Please check the product details page for more images. Overall 10 images are available for ABIN3020951.