

MDMX (phospho Ser367) Polyclonal Antibody

Catalog No: #13722

Package Size: #13722-1 50ul #13722-2 100ul

Description

Product Name	MDMX (phospho Ser367) Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Applications	WB,IHC-p,IF(paraffin section),ELISA
Species Reactivity	Human,Mouse,Rat
Specificity	Phospho-MDMX (S367) Polyclonal Antibody detects endogenous levels of MDMX protein only when phosphorylated at S367.
Immunogen Description	The antiserum was produced against synthesized peptide derived from human MDM4 around the phosphorylation site of Ser367. AA range:336-385
Conjugates	Unconjugated
Other Names	MDM4; MDMX; Protein Mdm4; Double minute 4 protein; Mdm2-like p53-binding protein; Protein Mdmx; p53-binding protein Mdm4
Accession No.	Swiss Prot:O15151GeneID:4194
SDS-PAGE MW	80
Concentration	1 mg/ml
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	-20°C/1

Application Details

Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/5000. Not yet tested in other applications.

Background

MDM4, p53 regulator(MDM4) Homo sapiens This gene encodes a nuclear protein that contains a p53 binding domain at the N-terminus and a RING finger domain at the C-terminus, and shows structural similarity to p53-binding protein MDM2. Both proteins bind the p53 tumor suppressor protein and inhibit its activity, and have been shown to be overexpressed in a variety of human cancers. However, unlike MDM2 which degrades p53, this protein inhibits p53 by binding its transcriptional activation domain. This protein also interacts with MDM2 protein via the RING finger domain, and inhibits the latter's degradation. So this protein can reverse MDM2-targeted degradation of p53, while maintaining suppression of p53 transactivation and apoptotic functions. Alternatively spliced transcript variants encoding different isoforms have been noted for this gene. [provided by RefSeq, Feb 2011],

Note: This product is for in vitro research use only and is not intended for use in humans or animals.