



PPM1B rabbit pAb

Cat#: orb774106 (Manual)

For research use only. Not intended for diagnostic use.

Product Name	PPM1B rabbit pAb
Host species	Rabbit
Applications	WB;ELISA
Species Cross-Reactivity	Human;Rat;Mouse
Recommended dilutions	WB 1:500-2000 ELISA 1:5000-20000
Immunogen	Synthesized peptide derived from human protein . at AA range: 310-390
Specificity	PPM1B Polyclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	Protein phosphatase 1B (EC 3.1.3.16) (Protein phosphatase 2C isoform beta) (PP2C-beta)
Gene Name	PPM1B PP2CB
Cellular localization	Cytoplasm, cytosol . Membrane ; Lipid-anchor . Weakly associates at the membrane and N-myristoylation mediates the membrane localization
Purification	The antibody was affinity-purified from rabbit antiserum by affinity- chromatography using epitope-specific immunogen.
Clonality	Polyclonal



Concentration	1 mg/ml
Observed band	52kD
Human Gene ID	5495
Human Swiss-Prot Number	O75688
Alternative Names	
Background	The protein encoded by this ge protein phosphatases. PP2C far regulators of cell stress respons to dephosphorylate cyclin-dep

The protein encoded by this gene is a member of the PP2C family of Ser/Thr protein phosphatases. PP2C family members are known to be negative regulators of cell stress response pathways. This phosphatase has been shown to dephosphorylate cyclin-dependent kinases (CDKs), and thus may be involved in cell cycle control. Overexpression of this phosphatase is reported to cause cell-growth arrest or cell death. Alternative splicing results in multiple transcript variants encoding different isoforms. Additional transcript variants have been described, but currently do not represent full-length sequences. [provided by RefSeq, Jul 2008],