

Datasheet for ABIN2798535
anti-PPM1A antibody (AA 355-382)



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Overview

Quantity:	400 µL
Target:	PPM1A
Binding Specificity:	AA 355-382
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PPM1A antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Purpose:	Rabbit Anti-Human PPM1A Antibody
Immunogen:	This PPM1A antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 355-382 amino acids from human PPM1A.
Isotype:	Ig Fraction

Target Details

Target:	PPM1A
Alternative Name:	PPM1A (PPM1A Products)
Background:	Target Description: 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 dephosphorylates, and negatively regulates

Target Details

the activities of, MAP kinases and MAP kinase kinases. It has been shown to inhibit the activation of p38 and JNK kinase cascades induced by environmental stresses. This phosphatase can also dephosphorylate cyclin-dependent kinases, and thus may be involved in cell cycle control. Overexpression of this phosphatase is reported to activate the expression of the tumor suppressor gene TP53/p53, which leads to G2/M cell cycle arrest and apoptosis. Three alternatively spliced transcript variants encoding distinct isoforms have been described.

Gene Symbol: PPM1A

Molecular Weight: 42448 Da

Gene ID: 5494

UniProt: [P35813](#)

Application Details

Application Notes: Western Blot
Recommended Dilutions
WB: 1:1000PPM1A Antibody (pS) .

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 0.270 mg/mL

Storage: 4 °C,-20 °C

Storage Comment: 2-8°C (short-term), -20°C (long-term)