

Datasheet for ABIN5537343
anti-PPM1A antibody (AA 355-382)



[Go to Product page](#)

1 Image

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

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
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	PPM1A
Alternative Name:	PPM1A (PPM1A Products)
Background:	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 the activities

Target Details

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.

Molecular Weight: 42 kDa

Gene ID: 5494

UniProt: [P35813](#)

Application Details

Application Notes: For WB starting dilution is: 1:1000

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 0.27 mg/mL

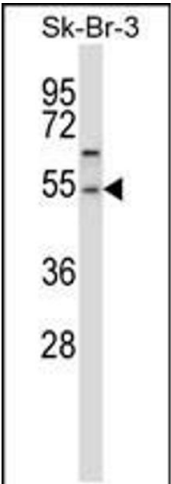
Buffer: Supplied in PBS with 0.09 % (W/V) sodium azide.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C, -20 °C

Storage Comment: Store at 4°C for three months and -20°C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.



Western Blotting

Image 1. Western blot analysis in SK-BR-3 cell line lysates (35ug/lane). This demonstrates detected the PPM1A protein (arrow).