

Datasheet for ABIN7596034
anti-PPM1A antibody (AA 1-382)



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Overview

Quantity:	100 µL
Target:	PPM1A
Binding Specificity:	AA 1-382
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF), Immunocytochemistry (ICC)

Product Details

Purpose:	Human PP2C alpha/PPM1A antibody
Immunogen:	Recombinant human PP2Calpha/PPM1A (1-382aa) purified from E. coli
Clone:	P6C7
Isotype:	IgG2b kappa
Purification:	protein-A affinity chromatography

Target Details

Target:	PPM1A
Alternative Name:	PP2C alpha/PPM1A (PPM1A Products)
Background:	Protein phosphatase 2C (PP2Calpha) is a Mn ²⁺ - or Mg ²⁺ -dependent protein serine/threonine phosphatase that inhibits the human stress-responsive p38 and JNk MAPk pathways and

Target Details

regulates cellular stress response in eukaryotes. The PPM (metal-dependent protein phosphatase) family of Ser/Thr protein phosphatases have recently been shown to down-regulate the stress response pathways in eukaryotes. Within the stress pathway, key signaling kinases, which are activated by protein phosphorylation, have been proposed as the in vivo substrates of PP2C α , the prototypical member of the PPM family.

NCBI Accession: [NP_066283](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 mg/mL

Buffer: Phosphate-Buffered Saline (pH 7.4) with 0.02% Sodium Azide, 10% glycerol

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, -80 °C

Storage Comment: Can be stored at +2°C to +8°C for 1 week. For long term storage, aliquot and store at -20°C to -80°C. Avoid repeated freezing and thawing cycles.