

Datasheet for ABIN121149
anti-PPM1A antibody



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1 Image

Overview

Quantity:	0.1 mL
Target:	PPM1A
Reactivity:	Human, Mouse
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This PPM1A antibody is un-conjugated
Application:	Western Blotting (WB), Immunoprecipitation (IP), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	Recombinant human PP2C alpha protein
Clone:	P6c7
Isotype:	IgG2b
Specificity:	This antibody detects Protein Phosphatase 2C alpha (PP2C alpha).
Purification:	Protein-G affinity chromatography

Target Details

Target:	PPM1A
Alternative Name:	Protein Phosphatase 1A / PPM1A (PPM1A Products)
Background:	Protein phosphatase 2C(PP2Cα) is a Mn ²⁺ - or Mg ²⁺ -dependent protein serine/threonine

Target Details

phosphatase that inhibits the human stress-responsive p38 and JNK MAPK pathways and 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, the prototypical member of the PPM family. Synonyms: PP2C-alpha, PPPM1A, Protein phosphatase 2C isoform alpha, Protein phosphatase 1A

UniProt: [P35813](#)

Application Details

Application Notes: ELISA. Western blot: Recommended dilution range: 1:250 approx. 1:1000. Recommended starting dilution: 1:250. Immunoprecipitation.
Other applications not tested.
Optimal dilutions are dependent on conditions and should be determined by the user.

Restrictions: For Research Use only

Handling

Format:	Liquid
Concentration:	1.0 mg/mL
Buffer:	PBS, pH 7.4, containing 0.09 % Sodium Azide as preservative.
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 the antibody at 2-8 °C for one month or at -20 °C for longer. Avoid repeated freezing and thawing. Shelf Life: one year from despatch.
Expiry Date:	12 months



Western Blotting

Image 1. Immunoblot analysis Mouse liver cytosol extract was resolved by electrophoresis, transferred to PVDF membrane and probed with anti-PP2Calpha(1:250). Proteins were visualized using a goat anti-mouse secondary antibody conjugated to HRP and a DAP detection system. Arrow indicates PP2Calpha(~43kDa)