

## PPM1A antibody

### Product Information

Catalog No.:	FNab06684
Size:	100µg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
Clone ID:	None
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months(Avoid repeated freeze / thaw cycles.)

### Background

Enzyme with a broad specificity. Negatively regulates TGF-beta signaling through dephosphorylating SMAD2 and SMAD3, resulting in their dissociation from SMAD4, nuclear export of the SMADs and termination of the TGF-beta-mediated signaling. Dephosphorylates PRKAA1 and PRKAA2. Plays an important role in the termination of TNF-alpha-mediated NF-kappa-B activation through dephosphorylating and inactivating IKBKB/IKKB.

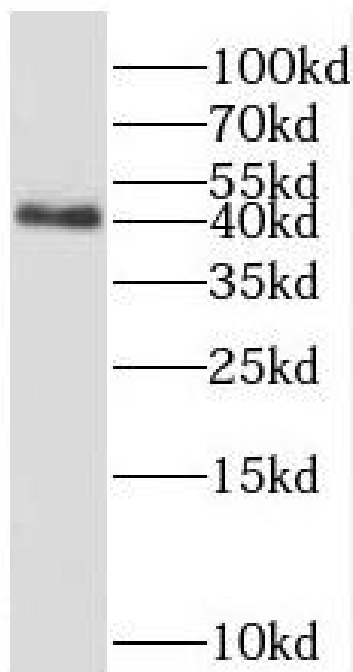
### Immunogen information

Immunogen:	protein phosphatase 1A(formerly 2C), magnesium-dependent, alpha isoform
Synonyms:	Protein phosphatase 1A Protein phosphatase 2C isoform alpha (PP2C-alpha) Protein phosphatase 1A PPM1A PPPM1A
Observed MW:	42 kDa
Uniprot ID :	P35813

### Application

Reactivity:	Human, Mouse, Rat
Tested Application:	ELISA, WB
Recommended dilution:WB:	1:500-1:2000

Image:



HepG2 cells were subjected to SDS PAGE followed by western blot with FNab06684(PPM1A antibody) at dilution of 1:3000