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Datasheet for ABIN7118037 anti-PPM1A antibody

Overview

Quantity:	100 µg
Target:	PPM1A
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PPM1A antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	protein phosphatase 1A(formerly 2C), magnesium-dependent, alpha isoform
Isotype:	IgG
Purification:	Immunogen affinity purified
Purity:	≥95 % as determined by SDS-PAGE

Target Details

Target:	PPM1A
Alternative Name:	PPM1A (PPM1A Products)
Background:	Synonyms:PPPM1A 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-

Target Details

	alpha-mediated NF-kappa-B activation through dephosphorylating and inactivating IKBKB/IKKB.
Molecular Weight:	42 kDa
Gene ID:	5494
UniProt:	P35813

Application Details

Application Notes:	WB: 1:500-1:2000
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide and 50 % glycerol pH 7.3,
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:	-20 °C
Storage Comment:	-20°C for 12 months (Avoid repeated freeze / thaw cycles.)
Expiry Date:	12 months