

Rabbit anti-Human, Mouse PPM1A Polyclonal Antibody | anti-PPM1A antibody

PPM1A Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA231238	Rabbit	Human, Mouse	Immunohistochemistry, Western Blot, ELISA

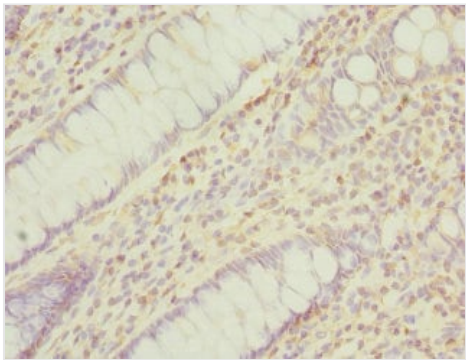
PRODUCT SYNONYMS

PPM1A; Polyclonal Antibody; PPM1A Antibody; Protein phosphatase 1A; Protein phosphatase 2C isoform alpha; PP2C-alpha; Protein phosphatase 1A; PPPM1A; anti-PPM1A antibody

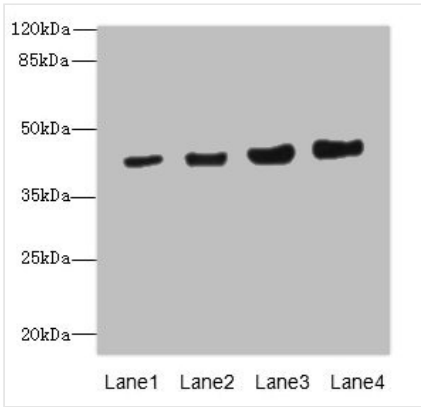
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid
Sequence Length	382
Applicable Applications for anti-PPM1A antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Species	Human
Immunogen	Recombinant human Protein phosphatase 1A protein (1-382AA)
Conjugate	Non-conjugated
Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-32401 / sc-32402 / sc-48829
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded human colon cancer using AAA231238 at dilution 1:100



WB (Western Blot)
Western blotAll lanes: PPM1Aantibody at 6.88ug/mL
Lane 1 : HepG-2 whole cell lysate
Lane 2 : SH-SY5Y whole cell lysate
Lane 3 : Mouse liver tissue
Lane 4 : Mouse brain tissue
SecondaryGoat polyclonal to Rabbit IgG at 1/10000 dilution
Predicted band size: 43,36,52 kDa
Observed band size: 42 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-PPM1A antibody	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.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	10337595
NCBI GeneID	5494
NCBI Accession #	NP_066283.1
NCBI GenBank Nucleotide #	NM_021003.4
UniProt Accession #	P35813; O75551; B5BU11; J3KNM0
Molecular Weight	51,366 Da
NCBI Official Full Name	protein phosphatase 1A isoform 1
NCBI Official Synonym Full Names	protein phosphatase, Mg2+/Mn2+ dependent 1A
NCBI Official Symbol	PPM1A
NCBI Official Synonym Symbols	PP2CA; PP2Calpha; PP2C-ALPHA
NCBI Protein Information	protein phosphatase 1A
UniProt Protein Name	Protein phosphatase 1A
UniProt Gene Name	PPM1A
UniProt Synonym Gene Names	PPPM1A; PP2C-alpha
UniProt Entry Name	PPM1A_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.