

Rabbit anti-Human PPM1B Polyclonal Antibody | anti-PPM1B antibody

Rabbit anti-PPM1B Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA211199	Rabbit	Human	Immunoprecipitation, Western Blot

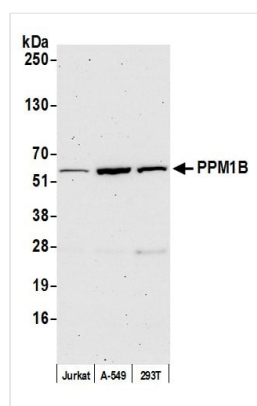
PRODUCT SYNONYMS

PPM1B; Polyclonal Antibody; Rabbit anti-PPM1B Antibody; Affinity Purified; PP2CBETA; protein phosphatase 2C-like protein; protein phosphatase 1B (formerly 2C); magnesium-dependent; beta isoform; Protein phosphatase 2C isoform beta; Ser/Thr protein phosphatase type 2C beta 2 isoform; PPC2BETAX; PP2C-beta; PP2CB; PP2C-beta-X; protein phosphatase 1B; Protein phosphatase 1B; protein phosphatase; Mg2+/Mn2+ dependent 1B; anti-PPM1B antibody

PRODUCT SPECIFICATIONS

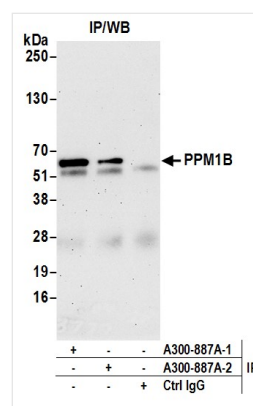
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-buffered Saline containing 0.1% BSA and 0.09% Sodium Azide
Concentration	200ug/ml (varies by lot)
Applicable Applications for anti-PPM1B antibody	IP (Immunoprecipitation), WB (Western Blot)
Immunogen	Between 429 and C-terminus
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



WB (Western Blot)

Detection of human PPM1B by western blot. Samples: Whole cell lysate (50 ug) from Jurkat, A-549, and HEK293T cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-PPM1B antibody AAA211199 (lot AAA211199-2) used for WB at 0.04 ug/ml. Detection: Chemiluminescence with an exposure time of 75 seconds.



IP (Immunoprecipitation)

Detection of human PPM1B by western blot of immunoprecipitates. Samples: Whole cell lysate (1.0 mg per IP reaction; 20% of IP loaded) from Jurkat cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-PPM1B antibody AAA211199 (lot AAA211199-2) used for IP at 6 ug per reaction. PPM1B was also immunoprecipitated by a previous lot of this antibody (lot AAA211199-1). For blotting immunoprecipitated PPM1B, AAA211199 was used at 0.04 ug/ml. Detection: Chemiluminescence with an exposure time of 75 seconds.

ADDITIONAL INFORMATION

Related Product Information for anti-PPM1B antibody	Members of the protein phosphatase 2C (PP2C) family of isoenzymes are serine/threonine protein phosphatases that act as monomers, are magnesium or manganese dependent, and are structurally distinct from PP1, PP2A, and PP2B protein phosphatases. There are 14 mammalian PP2C genes that encode for members of the PP2C family of isoenzymes. Members of this family include PP2C alpha (PPM1A), PP2C beta (PPM1B), PP2C gamma (PPM1G), and PP2C delta (PPM1D). PPM1B represents the protein phosphatase 2C (PP2C) beta isoform 1. Six splice variants of the PPM1B have been identified PPM1B activation by lipophilic compounds has been demonstrated to be associated with the induction of apoptosis PPM1B activity has been shown to be involved in cell cycle control and the dephosphorylation of cyclin dependent kinases cdk2 and cdk6.
Product Categories/Family for anti-PPM1B antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GeneID	5495
UniProt Accession #	O75688
UniProt Protein Name	Protein phosphatase 1B
UniProt Gene Name	PPM1B
UniProt Synonym Gene Names	PP2CB; PP2C-beta

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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/ppm1b-antibody-immunoprecipitation-western-blot-elisa/211199>