

Rabbit anti-Human, Mouse PP2A Polyclonal Antibody | anti-PP2A antibody

Rabbit anti-PP2A Antibody, Affinity Purified

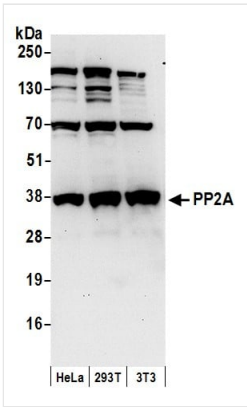
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA211115	Rabbit	Human, Mouse	Immunoprecipitation, Western Blot

PRODUCT SYNONYMS

PP2A; Polyclonal Antibody; Rabbit anti-PP2A Antibody; Affinity Purified; protein phosphatase 2 (formerly 2A); catalytic subunit; beta isoform; serine/threonine-protein phosphatase 2A catalytic subunit beta isoform; serine/threonine protein phosphatase 2A; protein phosphatase type 2A catalytic subunit; testicular tissue protein Li 146; protein phosphatase 2A catalytic subunit; PP2CB; PP2A-beta; PP2Abeta; protein phosphatase 2; beta isozyme; Serine/threonine-protein phosphatase 2A catalytic subunit beta isoform; protein phosphatase 2 catalytic subunit beta; anti-PP2A antibody

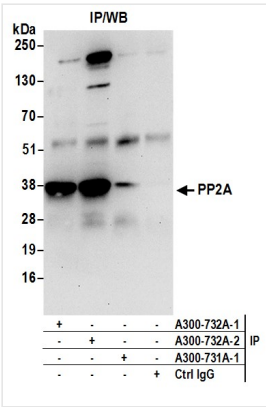
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
Concentration	1000ug/ml (varies by lot)
Applicable Applications for anti-PP2A antibody	IP (Immunoprecipitation), WB (Western Blot)
Predicted Reactivity	Rat, D. melanogaster, Chicken, Bovine, Rabbit, Pig
Immunogen	Between 259 and C-terminus
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt



WB (Western Blot)

Detection of human and mouse PP2A by western blot. Samples: Whole cell lysate (50 ug) from HeLa, HEK293T, and mouse NIH 3T3 cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-PP2A antibody AAA211115 (lot AAA211115-2) used for WB at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.



IP (Immunoprecipitation)

Detection of human PP2A by western blot of immunoprecipitates. Samples: Whole cell lysate (0.5 or 1.0 mg per IP reaction; 20% of IP loaded) from HEK293T cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-PP2A antibody AAA211115 (lot AAA211115-2) used for IP at 6 ug per reaction. PP2A was also immunoprecipitated by a previous lot of this antibody (AAA211115-1) and rabbit anti-PP2A antibody For blotting immunoprecipitated PP2A, AAA211115 was used at 1 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.

ADDITIONAL INFORMATION

Related Product Information for anti-PP2A antibody	PP2A is a major serine/threonine phosphatase that is implicated in the negative control of cell cycle progression. PP2A encodes the beta isoform of the catalytic subunit (PP2CB). Chk2 has been shown to be negatively regulated and dephosphorylated by PP2A. Several proteins have been shown to associate with PP2A and regulate its activity such as eRF1, Hox11, CK2, and Igbp1/alpha4. Rapamycin has been shown to dissociate PP2A from alpha-4 and inhibit proliferation. This result suggests an alternative positive regulatory role of PP2A in cell proliferation.
Product Categories/Family for anti-PP2A antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	57634540
NCBI GeneID	5516
NCBI Accession #	NP_004147.1
NCBI GenBank Nucleotide #	NM_004156
UniProt Accession #	P62714; P11082; Q6FHK5; D3DSV4
Molecular Weight	~59 kDa
NCBI Official Synonym Full Names	protein phosphatase 2, catalytic subunit, beta isozyme
NCBI Official Symbol	PPP2CB
NCBI Official Synonym Symbols	PP2CB; PP2Abeta
NCBI Protein Information	serine/threonine-protein phosphatase 2A catalytic subunit beta isoform
UniProt Protein Name	Serine/threonine-protein phosphatase 2A catalytic subunit beta isoform
UniProt Gene Name	PPP2CB
UniProt Synonym Gene Names	PP2A-beta
UniProt Entry Name	PP2AB_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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/pp2a-antibody-immunoprecipitation-western-blot-elisa/211115>