

Rabbit anti-Human, Mouse PPP3CA Polyclonal Antibody | anti-PPP3CA antibody

Rabbit anti-PPP3CA Antibody, Affinity Purified

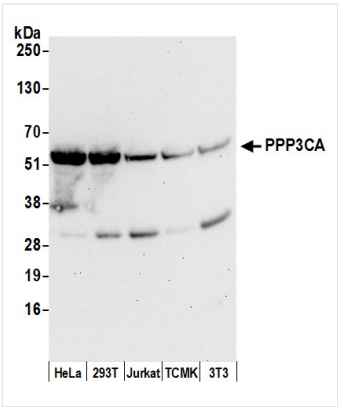
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA211213	Rabbit	Human, Mouse	Immunohistochemistry, Immunoprecipitation, Western Blot

PRODUCT SYNONYMS

PPP3CA; Polyclonal Antibody; Rabbit anti-PPP3CA Antibody; Affinity Purified; IECEE; protein phosphatase 3 catalytic subunit alpha isozyme; serine/threonine-protein phosphatase 2B catalytic subunit alpha isoform; protein phosphatase 3 (formerly 2B); catalytic subunit; alpha isoform; protein phosphatase 2B; PPP2B; IECEE1; CCN1; CAM-PRP catalytic subunit; CALNA1; CALNA; CALN; calcineurin A alpha; CNA1; calmodulin-dependent calcineurin A subunit alpha isoform; Serine/threonine-protein phosphatase 2B catalytic subunit alpha isoform; protein phosphatase 3 catalytic subunit alpha; anti-PPP3CA antibody

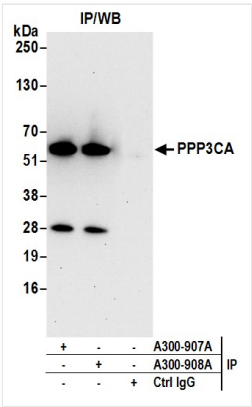
PRODUCT SPECIFICATIONS

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-PPP3CA antibody	IHC (Immunohistochemistry), IP (Immunoprecipitation), WB (Western Blot)
Predicted Reactivity	Rat, Bovine
Immunogen	Between 471 and C-terminus
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt



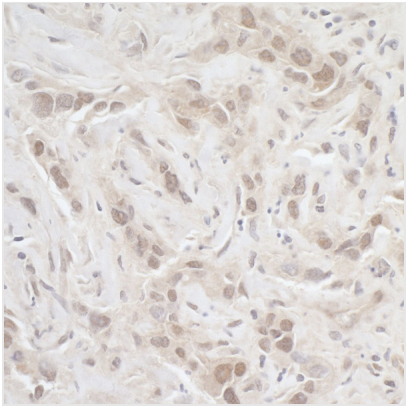
WB (Western Blot)

Detection of human and mouse PPP3CA by western blot. Samples: Whole cell lysate (50 ug) from HeLa, HEK293T, Jurkat, mouse TCMK-1, and mouse NIH 3T3 cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-PPP3CA antibody AAA211213 (lot AAA211213-3) used for WB at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.



IP (Immunoprecipitation)

Detection of human PPP3CA by western blot of immunoprecipitates. Samples: Whole cell lysate (1.0 mg per IP reaction; 20% of IP loaded) from HeLa cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-PPP3CA antibody AAA211213 (lot AAA211213-3) used for IP at 3 ug per reaction. PPP3CA was also immunoprecipitated by rabbit anti-PPP3CA antibody For blotting immunoprecipitated PPP3CA, AAA211213 was used at 1 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.



IHC (Immunohistochemistry)

Detection of human PPP3CA by immunohistochemistry. Sample: FFPE section of human breast carcinoma. Antibody: Affinity purified rabbit anti-PPP3CA (Cat. No. AAA211213 Lot3) used at a dilution of 1:1,000 (1ug/ml). Detection: DAB

ADDITIONAL INFORMATION

Related Product Information for anti-PPP3CA antibody	PPP3CA encodes the protein phosphatase 2B (PP2B) alpha catalytic subunit. PP2B, also known as calcineurin, is a holoenzyme that is comprised of a catalytic subunit associated with regulatory subunits. PP2B is a calcium regulated enzyme that is activated by calmodulin and participates in the signaling cascades involved in development of the nervous, cardiovascular, and musculoskeletal systems.
Product Categories/Family for anti-PPP3CA antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	6715568
NCBI GeneID	5530
NCBI Accession #	NP_000935.1
NCBI GenBank Nucleotide #	NM_000944.4
UniProt Accession #	Q08209; Q8TAW9; A1A441; A8K3B7; A8W6Z7; A8W6Z8; B5BUA2

Molecular Weight	51,245 Da
NCBI Official Full Name	serine/threonine-protein phosphatase 2B catalytic subunit alpha isoform isoform 1
NCBI Official Synonym Full Names	protein phosphatase 3, catalytic subunit, alpha isozyme
NCBI Official Symbol	PPP3CA
NCBI Official Synonym Symbols	CALN; CCN1; CNA1; CALNA; PPP2B; CALNA1
NCBI Protein Information	serine/threonine-protein phosphatase 2B catalytic subunit alpha isoform; CAM-PRP catalytic subunit; calcineurin A alpha; calmodulin-dependent calcineurin A subunit alpha isoform; protein phosphatase 2B, catalytic subunit, alpha isoform; protein phosphatas
UniProt Protein Name	Serine/threonine-protein phosphatase 2B catalytic subunit alpha isoform
UniProt Gene Name	PPP3CA
UniProt Synonym Gene Names	CALNA; CNA
UniProt Entry Name	PP2BA_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/polyclonal/ppp3ca-antibody-immunohistochemistry-immunoprecipitation-western-blot-elisa/211213>