

Rabbit anti-Human, Mouse PPP1CA Polyclonal Antibody | anti-PPP1CA antibody

Rabbit anti-PPP1CA Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA211209	Rabbit	Human, Mouse	Immunohistochemistry, Western Blot

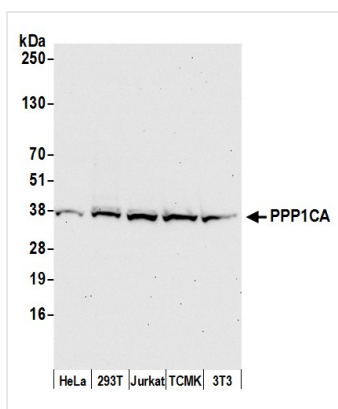
PRODUCT SYNONYMS

PPP1CA; Polyclonal Antibody; Rabbit anti-PPP1CA Antibody; Affinity Purified; serine/threonine protein phosphatase PP1-alpha 1 catalytic subunit; serine/threonine-protein phosphatase PP1-alpha catalytic subunit; protein phosphatase 1; catalytic subunit; alpha isozyme; alpha isoform; PPP1A; PP1alpha; PP-1A; PP1A; testicular tissue protein Li 155; Serine/threonine-protein phosphatase PP1-alpha catalytic subunit; protein phosphatase 1 catalytic subunit alpha; anti-PPP1CA antibody

PRODUCT SPECIFICATIONS

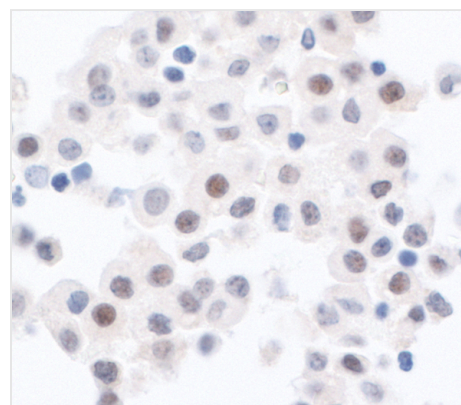
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
Concentration	1000ug/ml (varies by lot)
Applicable Applications for anti-PPP1CA antibody	IHC (Immunohistochemistry), WB (Western Blot)
Predicted Reactivity	Rat, Bovine, Dog, Rabbit
Immunogen	Between 280 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 and mouse PPP1CA 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-PPP1CA antibody AAA211209 (lot AAA211209-3) used for WB at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.



IHC (Immunohistochemistry)

Detection of human PPP1CA by immunohistochemistry. Sample: FFPE section of human lung cancer. Antibody: Affinity purified rabbit anti-PPP1CA (Cat. No. AAA211209 Lot 3) used at a dilution of 1:1,000 (1ug/ml). Detection: DAB

ADDITIONAL INFORMATION

Related Product Information for anti-PPP1CA antibody	Protein phosphatase 1 (PP1) is a major eukaryotic serine/threonine phosphatase that is involved in a multitude of cellular functions. PP1 is a holoenzyme that consists of the PP1 catalytic subunit (PP1c) that associates with and is regulated by over 50 regulatory subunits. There are several gene and alternative splice products of the catalytic subunit PP1c. PPP1CA encodes the PP1 alpha catalytic subunit. In addition to PP1 alpha, there is PP1 beta (PPP1CB), and two splice variants of PP1 gamma (PPP1CC). The mutually exclusive interaction between the various catalytic and regulatory subunits allows the PP1 enzyme to be involved in a variety of functions which include cell division, glycogen metabolism, muscle contractility, and protein synthesis. serine/threonine-protein phosphatase PP1-alpha catalytic subunit, PPP1A, PP-1A, MGC1674, MGC15877.
Product Categories/Family for anti-PPP1CA antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GeneID	5499
UniProt Accession #	P62136
UniProt Protein Name	Serine/threonine-protein phosphatase PP1-alpha catalytic subunit
UniProt Gene Name	PPP1CA
UniProt Synonym Gene Names	PPP1A; PP-1A
UniProt Entry Name	PP1A_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://www.aaabiotech.com/polyclonal/ppp1ca-antibody-immunohistochemistry-western-blot-elisa/211209>