

Rabbit anti-Human PPP1CC Polyclonal Antibody | anti-PPP1CC antibody

Rabbit anti-PPP1CC Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA211211	Rabbit	Human	Immunohistochemistry, Immunoprecipitation, Western Blot

PRODUCT SYNONYMS

PPP1CC; Polyclonal Antibody; Rabbit anti-PPP1CC Antibody; Affinity Purified; PPP1G; serine/threonine-protein phosphatase PP1-gamma catalytic subunit; serine/threonine phosphatase 1 gamma; protein phosphatase 1C catalytic subunit; protein phosphatase 1; catalytic subunit; gamma isoform; PP-1G; PP1C; gamma isozyme; Serine/threonine-protein phosphatase PP1-gamma catalytic subunit; protein phosphatase 1 catalytic subunit gamma; anti-PPP1CC antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
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-PPP1CC antibody	IHC (Immunohistochemistry), IP (Immunoprecipitation), WB (Western Blot)
Predicted Reactivity	Mouse, Rat, X. laevis, X. tropicalis, Bovine
Immunogen	Between 273 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 PPP1CC by western blot and immunoprecipitation. Samples: Whole cell lysate (50, 15 and 5 ug for WB; 1 mg for IP, 20% of IP loaded) from HeLa cells. Antibodies: Affinity purified rabbit anti-PPP1CC antibody AAA211211 used for WB at 0.1 ug/ml (A) and 1 ug/ml (B) and used for IP at 3 ug/mg lysate (B). PPP1CB was immunoprecipitated by rabbit anti-PPP1CB antibody. Detection: Chemiluminescence with exposure times of 3 minutes (A) and 30 seconds (B).



IHC (Immunohistochemistry)

Detection of human PPP1CC by immunohistochemistry. Sample: FFPE section of human breast carcinoma. Antibody: Affinity purified rabbit anti-PPP1CC (Cat. No. AAA211211 Lot1) used at a dilution of 1:1,000 (1ug/ml). Detection: DAB

ADDITIONAL INFORMATION

Related Product Information for anti-PPP1CC 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. PPP1CC encodes the PP1 gamma catalytic subunit. In addition to PP1 gamma, there are two splice variants of PP1 alpha (PPP1CA), and a PP1 beta (PPP1CB) form. 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-gamma catalytic subunit, PP-1G, PPP1G.
Product Categories/Family for anti-PPP1CC antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GeneID	5501
UniProt Accession #	P36873
UniProt Protein Name	Serine/threonine-protein phosphatase PP1-gamma catalytic subunit
UniProt Gene Name	PPP1CC
UniProt Synonym Gene Names	PP-1G
UniProt Entry Name	PP1G_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/ppp1cc-antibody-immunohistochemistry-immunoprecipitation-western-blot-elisa/211211>