

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

PPP1CC Antibody

CATALOG # AAA230536	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Western Blot, ELISA
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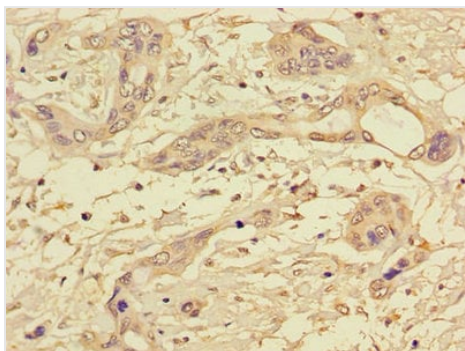
PRODUCT SYNONYMS

PPP1CC; Polyclonal Antibody; PPP1CC Antibody; Serine/threonine-protein phosphatase PP1-gamma catalytic subunit; PP-1G; Protein phosphatase 1C catalytic subunit; anti-PPP1CC antibody

PRODUCT SPECIFICATIONS

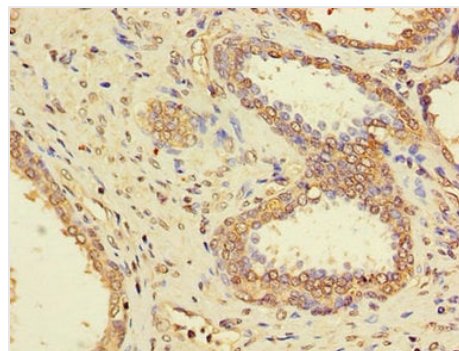
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%,Protein G purified
Form/Format	Liquid
Sequence Length	337
Applicable Applications for anti-PPP1CC antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Recombinant human Serine/threonine-protein phosphatase PP1-gamma catalytic subunit protein
Conjugation	Non-conjugated
Storage Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-6108 / sc-6109
Preparation and Storage	Shipped at 4 degree C. Upon delivery, aliquot and store at -20 degree C or -80 degree C.

IMAGES



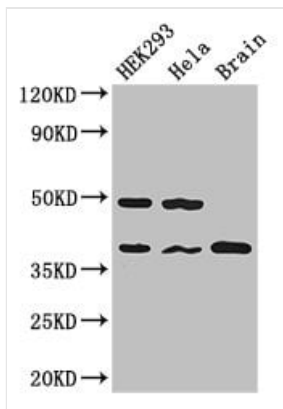
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human pancreatic cancer tissue using AAA230536 at dilution of 1:100



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human prostate cancer tissue using AAA230536 at dilution of 1:100



WB (Western Blot)

Western BlotPositive WB detected in:HEK293 whole cell lysate,HeLa whole cell lysate,Mouse brain tissueAll lanes: PPP1CC antibody at 2.7ug/mlSecondaryGoat polyclonal to rabbit IgG at 1/50000 dilutionPredicted band size: 37,39 kDaObserved band size: 37,50 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-PPP1CC antibody	Protein phosphatase that associates with over 200 regulatory proteins to form highly specific holoenzymes which dephosphorylate hundreds of biological targets. Protein phosphatase 1 (PP1) is essential for cell division, and participates in the regulation of glycogen metabolism, muscle contractility and protein synthesis. Dephosphorylates RPS6KB1. Involved in regulation of ionic conductances and long-term synaptic plasticity. May play an important role in dephosphorylating substrates such as the postsynaptic density-associated Ca(2+)/calmodulin dependent protein kinase II. Component of the PTW/PP1 phosphatase complex, which plays a role in the control of chromatin structure and cell cycle progression during the transition from mitosis into interphase. In balance with CSNK1D and CSNK1E, determines the circadian period length, through the regulation of the speed and rhythmicity of PER1 and PER2 phosphorylation. May dephosphorylate CSNK1D and CSNK1E. Dephosphorylates the 'Ser-418' residue of FOXP3 in regulatory T-cells (Treg) from patients with rheumatoid arthritis, thereby inactivating FOXP3 and rendering Treg cells functionally defective (PubMed:23396208).
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NCBI AND UNIPROT INFORMATION

NCBI GI #	350276247
NCBI GeneID	5501
NCBI Accession #	NP_001231903.1
NCBI GenBank Nucleotide #	NM_001244974.1
UniProt Accession #	P36873
Molecular Weight	38,518 Da
NCBI Official Full Name	serine/threonine-protein phosphatase PP1-gamma catalytic subunit isoform 2
NCBI Official Synonym Full Names	protein phosphatase 1 catalytic subunit gamma
NCBI Official Symbol	PPP1CC
NCBI Official Synonym Symbols	PP1C; PP-1G; PPP1G
NCBI Protein Information	serine/threonine-protein phosphatase PP1-gamma catalytic subunit
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-western-blot-elisa/230536>