

Rabbit PPP1CC Polyclonal Antibody | anti-PPP1CC antibody

PPP1CC Antibody (C-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA288988	Rabbit	Human (Predicted Reactivity: Bovine, Mouse, Rat)	ELISA, Western Blot

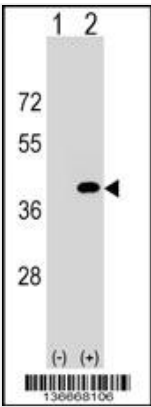
PRODUCT SYNONYMS

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

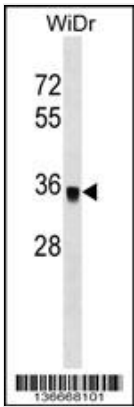
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human (Predicted Reactivity: Bovine, Mouse, Rat)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This PPP1CC antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 281-309 amino acids from the C-terminal region of human PPP1CC.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	281-309
Sequence Length	337
Applicable Applications for anti-PPP1CC antibody	ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)
Western blot analysis of PPP1CC (arrow) using rabbit polyclonal PPP1CC Antibody (C-term). 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected (Lane 2) with the PPP1CC gene.



WB (Western Blot)
PPP1CC Antibody (C-term) western blot analysis in WiDr cell line lysates (35ug/lane). This demonstrates the PPP1CC antibody detected the PPP1CC protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-PPP1CC antibody	Protein phosphatase 1 (PP1) is essential for cell division, and participates in the regulation of glycogen metabolism, muscle contractility and protein synthesis. 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.
Product Categories/Family for anti-PPP1CC antibody	Cancer; Cell Biology; Metabolism; Neuroscience; Signal Transduction
References	Lee, J.H., et al. J. Biol. Chem. 285(32):24466-24476(2010) Kuzmin, A., et al. Biol. Reprod. 81(2):319-326(2009) Fujiki, R., et al. Nature 459(7245):455-459(2009) Rogne, M., et al. Hum. Mol. Genet. 18(5):978-987(2009) Tchivilev, I., et al. J. Biol. Chem. 283(32):22193-22205(2008)

NCBI AND UNIPROT INFORMATION

NCBI GI #	350276247
NCBI GeneID	5501
NCBI Accession #	NP_001231903.1; NP_002701.1
NCBI GenBank Nucleotide #	NM_001244974.1
UniProt Accession #	P36873
Molecular Weight	36984
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 isozyme
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

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-western-blot-elisa/288988>