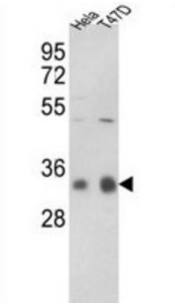
Serine/threonine-Protein Phosphatase PP1-Gamma Catalytic Subunit (PP1C gamma) Antibody

Catalogue No.:abx033949



Protein phosphatase-1 (PP1) is 1 of 4 major serine/threonine-specific protein phosphatases involved in the dephosphorylation of a variety of proteins. These enzymes work in opposition to the protein kinases to control the level of phosphorylation. Protein phosphatase (PP1) is essential for cell division, and it participates in the regulation of glycogen metabolism, muscle contractility and protein synthesis, as well as in regulation of ionic conductances and long-term synaptic plasticity. PP1 has 3 catalytic subunits, designated alpha (PPP1CA), beta (PPP1CB), and gamma (PPP1CC).

Target:	Serine/threonine-Protein Phosphatase PP1-Gamma Catalytic Subunit (PP1C gamma)
Clonality:	Polyclonal
Reactivity:	Human
Tested Applications:	ELISA, WB
Host:	Rabbit
Recommended dilutions:	WB: 1/1000. Optimal dilutions/concentrations should be determined by the end user.
Conjugation:	Unconjugated
Immunogen:	KLH-conjugated synthetic peptide between 291-321 amino acids from the C-terminal region of human PP1C gamma (PPP1CC).
Isotype:	IgG
Form:	Liquid
Purification:	Purified through a protein G column, eluted with high and low pH buffers and neutralized immediately, followed by dialysis against PBS.
Storage:	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.

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UniProt Primary AC:	P36873 (UniProt, ExPASy)
KEGG:	hsa:5501
String:	9606.ENSP00000341779
Molecular Weight:	Calculated MW: 37 kDa
Buffer:	PBS containing 0.09% sodium azide.
Specificity:	Predicted to react with Mouse, Rat and Cow PPP1CC.
Note:	THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.

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