

	PPP1CA Polyclonal Antibody	E 9 1 2 4 6 8
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Swiss-Prot No.:	P62136
Storage/Stability:	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Immunogen:	Recombinant protein of human PPP1CA (NP_002699.1).
Purification:	Affinity purification
Reactivity:	Human, Mouse
Other Names:	—
Background:	The protein encoded by this gene is one of the three catalytic subunits of protein phosphatase 1 (PP1). PP1 is a serine/threonine specific protein phosphatase known to be involved in the regulation of a variety of cellular processes, such as cell division, glycogen metabolism, muscle contractility, protein synthesis, and HIV-1 viral transcription. Increased PP1 activity has been observed in the end stage of heart failure. Studies in both human and mice suggest that PP1 is an important regulator of cardiac function. Mouse studies also suggest that PP1 functions as a suppressor of learning and memory. Three alternatively spliced transcript variants encoding different isoforms have been found for this gene.
Gene ID:	5499
Source:	Rabbit
Antibody type:	Polyclonal Antibodies

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Isotype:	IgG
Molecular Weight:	32kDa/37kDa/38kDa
Recommended Dilutions:	WB 1:500 - 1:2000 IHC 1:50 - 1:200