

PP1C alpha/beta Rabbit pAb

db21921

Package : 20μL 50μL 100μL

Product Name : PP1C alpha/beta Rabbit pAb**Cat.No.:** db21921**Synonyms** : PP1A; PP-1A; PPP1A; PP1alpha**Application** : WB, IHC, ICC/IF, FC, IP**Reactivity** : Human, Mouse, Rat**Host species** : Rabbit**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. [provided by RefSeq, Jul 2008]

Immunogen

A synthetic peptide of human PPP1CA+PPP1CB

Gene ID

5499

Swiss Prot

P62136

Synonyms

PP1A; PP-1A; PPP1A; PP1alpha

Reactivity

Human, Mouse, Rat

Application

WB, IHC, ICC/IF, FC, IP

Recommended dilution

WB: 1:2000-1:10000

IHC: 1:20

ICC/IF: 1:50

FC: 1:20

IP: 1:20

Calculated MW

38 kDa

Observed MW

38 kDa

Host species

Rabbit

Clonality

Polyclonal

Isotype	IgG
Purity	Affinity Purification
Conjugation	Un-conjugated
Storage Stability	Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.