

## PP1C alpha/beta Recombinant Rabbit mAb

Catalog: BS46868

Host: Rabbit

Reactivity: Human, Mouse, Rat

### 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]

### Product:

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.

### Molecular Weight:

38 kDa

### Swiss-Prot:

P62136

### Purification&Purity:

### Affinity Purification

### Applications:

WB: 1:2000-1:10000  
IHC: 1:20  
ICC/IF: 1:50  
FC: 1:20  
IP: 1:20

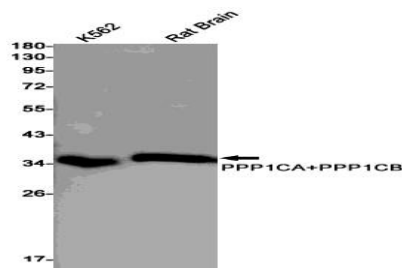
### Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

### Isotype:

IgG

### DATA:



Western blot detection of PPP1CA+PPP1CB in K562,Rat Brain cell lysates using PPP1CA+PPP1CB antibody(1:1000 diluted).

### Note:

For research use only, not for use in diagnostic procedure.

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