



Recombinant

DGRmAb[®]

PP1C alpha/beta (DGR33032) Rabbit mAb

db12099 Package : 10μL 20μL 50μL 100μL

Product Name: PP1C alpha/beta (DGR33032) Rabbit mAb

Cat.No.: db12099

Synonyms: PP1A; PP-1A; PPP1A; PP1alpha

Application: WB, IHC-P, 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-P, ICC/IF, FC, IP

Recommended dilution WB: 1:5000-1:50000

IHC-P: 1:50-1:100 ICC/IF: 1:50-1:200 FC: 1:100-1:200

IP: 1:20-1:100

Calculated MW 38 kDa

Observed MW 38 kDa

Host species Rabbit





Clonality Monoclonal

Clonality No. DGR33032

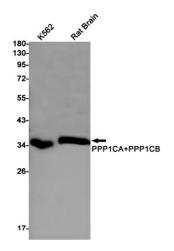
Isotype IgG

Purity Affinity Purification

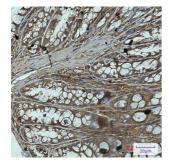
Conjugation Un-conjugated

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.



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



Immunohistochemical analysis of paraffin-embedded mouse colon using db12099 antibody.