

Recombinant

DGRmAb®

Phospho-PKC (Ser660) (DGR33934) Rabbit mAb

db12603

Package : 10µL 20µL 50µL 100µL

Product Name : Phospho-PKC (Ser660) (DGR33934) Rabbit mAb**Cat.No.:** db12603**Synonyms** : AAG6; PKCA; PRKACA; PKCI+/-; PKCalpha; PKC-alpha**Application** : WB, IHC-P**Reactivity** : Human,Mouse,Rat**Host species** : Rabbit**Background**

Protein kinase C (PKC) is a family of serine- and threonine-specific protein kinases that can be activated by calcium and the second messenger diacylglycerol. PKC family members phosphorylate a wide variety of protein targets and are known to be involved in diverse cellular signaling pathways. PKC family members also serve as major receptors for phorbol esters, a class of tumor promoters. Each member of the PKC family has a specific expression profile and is believed to play a distinct role in cells. The protein encoded by this gene is one of the PKC family members. This kinase has been reported to play roles in many different cellular processes, such as cell adhesion, cell transformation, cell cycle checkpoint, and cell volume control. Knockout studies in mice suggest that this kinase may be a fundamental regulator of cardiac contractility and Ca(2+) handling in myocytes. [provided by RefSeq, Jul 2008]

Immunogen

A synthetic phosphopeptide corresponding to residues surrounding Ser660 of human PKC

Gene ID

5578,5579,5580,5581,5583,5588

Swiss Prot

P17252,P05771,P05771-2,Q05655,Q02156,P24723,Q04759

Synonyms

AAG6; PKCA; PRKACA; PKCI+/-; PKCalpha; PKC-alpha

Reactivity

Human,Mouse,Rat

Application

WB, IHC-P

Recommended dilution

WB: 1:5000-1:50000

IHC-P: 1:100-1:200

Calculated MW

78 kDa

Observed MW

78-85 kDa

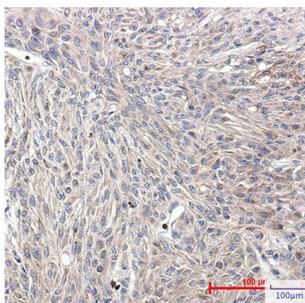
Host species

Rabbit

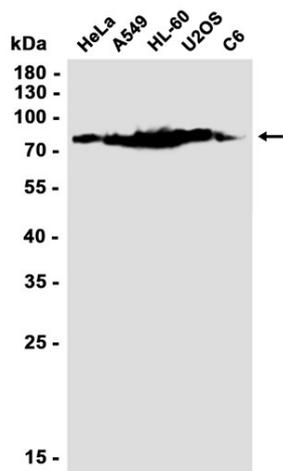
Clonality

Monoclonal

Clonality No.	DGR33934
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.



Immunohistochemical analysis of paraffin-embedded human Brain using db12603 antibody.



Western blot analysis of extracts from HeLa, A549, HL-60, U2OS, C6 cells using db12603 at 1:1000.