

Recombinant

DGRmAb®

Phospho-PKC alpha (Ser657) (DGR31343) Rabbit mAb

db11446

Package : 10µL 20µL 50µL 100µL

Product Name : Phospho-PKC alpha (Ser657) (DGR31343) Rabbit mAb**Cat.No.:** db11446**Synonyms** : AAG6; PKCA; PRKACA; PKC α +/−; PKC α ; PKC- α **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 Ca²⁺ handling in myocytes. [provided by RefSeq, Jul 2008]

ImmunogenA synthetic phosphopeptide corresponding to residues surrounding Ser657 of human PKC α **Gene ID**

5578

Swiss Prot

P17252

SynonymsAAG6; PKCA; PRKACA; PKC α +/−; PKC α ; PKC- α **Reactivity**

Human, Mouse, Rat

Application

WB, IHC-P

Recommended dilutionWB: 1:1000
IHC-P: 1:1000-1:5000**Calculated MW**

77 kDa

Observed MW

80 kDa

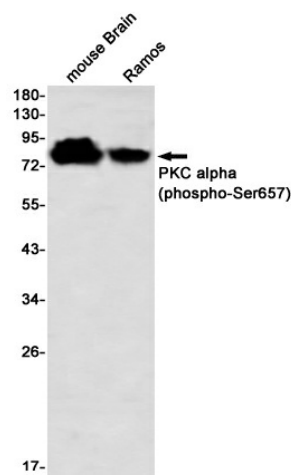
Host species

Rabbit

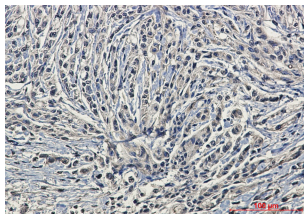
Clonality

Monoclonal

Clonality No.	DGR31343
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 PKC alpha (phospho-Ser657) in mouse Brain,Ramos using PKC alpha (phospho-Ser657) antibody(1:1000 diluted)



Immunohistochemical analysis of paraffin-embedded human brain using db11446 antibody.