

Recombinant

DGRmAb®

**Phospho-PKC alpha (Ser657) (DGR31343) Rabbit mAb (PBS Only)**

db11446-PBS

Package : 10µg 100µg

**Product Name** : Phospho-PKC alpha (Ser657) (DGR31343) Rabbit mAb (PBS Only)**Cat.No.:** db11446-PBS**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 Ser657 of human PKC alpha

**Gene ID**

5578

**Swiss Prot**

P17252

**Synonyms**

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

**Reactivity**

Human,Mouse,Rat

**Application**

WB, IHC-P

**Calculated MW**

77 kDa

**Observed MW**

80 kDa

**Host species**

Rabbit

**Clonality**

Monoclonal

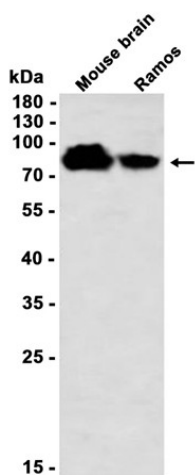
**Clonality No.**

DGR31343

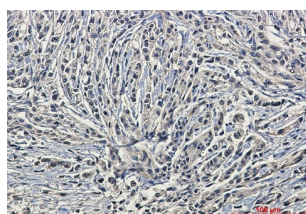
**Isotype**

IgG

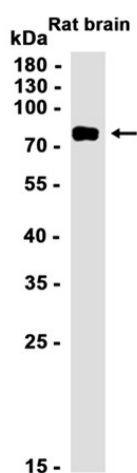
<b>Purity</b>	Affinity Purification
<b>Conjugation</b>	Un-conjugated
<b>Concentration</b>	1 mg/mL
<b>Formulation</b>	PBS Only
<b>Storage Stability</b>	Store at -20°C. Recommended to aliquot into single-use vials. Supplied in 1X PBS (pH 7.4). BSA and Azide Free. Stable for 12 months from date of receipt.



Western blot analysis of extracts from Ramos cells and Mouse brain tissue using [db11446](#) at 1:1000.



Immunohistochemical analysis of paraffin-embedded human brain using [db11446](#) antibody.



Western blot analysis of extracts from Rat brain tissue using [db11446](#) at 1:1000.