

Recombinant**DGRmAb®****PKC alpha (DGR13484) Rabbit mAb****db13040****Package : 10µL 20µL 50µL 100µL****Product Name :** PKC alpha (DGR13484) Rabbit mAb**Cat.No.:** db13040**Synonyms :** AAG6; PKCA; PRKACA; PKC-alpha**Application :** WB, IHC-P, ICC/IF, FC, IP**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 peptide of human PKC alpha

Gene ID

5578

Swiss Prot

P17252

Synonyms

AAG6; PKCA; PRKACA; PKC-alpha

Reactivity

Human,Mouse,Rat

Application

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

Recommended dilution

WB: 1:1000-1:5000

IHC-P: 1:100

ICC/IF: 1:100-1:200

FC: 1:20

IP: 1:20

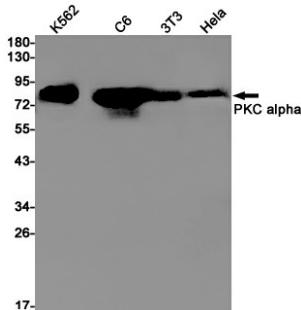
Calculated MW

77 kDa

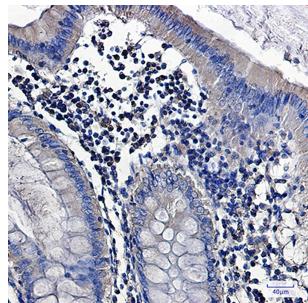
Observed MW

80 kDa

Host species	Rabbit
Clonality	Monoclonal
Clonality No.	DGR13484
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 in K562,C6,3T3,HeLa cell lysates using PKC alpha antibody(1:1000 diluted).



Immunohistochemical analysis of paraffin-embedded human colon cancer using db13040 antibody.