

Recombinant

DGRmAb®

AKT1/2/3 (DGR16941) Rabbit mAb (PBS Only)

db14689-PBS

Package : 10µg 100µg

Product Name : AKT1/2/3 (DGR16941) Rabbit mAb (PBS Only)**Cat.No.:** db14689-PBS**Synonyms** : MPPH; PKBG; MPPH2; PRKBG; STK-2; PKB-GAMMA; RAC-gamma; RAC-PK-gamma**Application** : WB, ICC/IF**Reactivity** : Human,Mouse,Rat**Host species** : Rabbit**Background**

The protein encoded by this gene is a member of the AKT, also called PKB, serine/threonine protein kinase family. AKT kinases are known to be regulators of cell signaling in response to insulin and growth factors. They are involved in a wide variety of biological processes including cell proliferation, differentiation, apoptosis, tumorigenesis, as well as glycogen synthesis and glucose uptake. This kinase has been shown to be stimulated by platelet-derived growth factor (PDGF), insulin, and insulin-like growth factor 1 (IGF1). Alternatively splice transcript variants encoding distinct isoforms have been described. [provided by RefSeq, Jul 2008]

Immunogen

A synthetic peptide of human AKT1/2/3

Gene ID

10000

Swiss Prot

Q9Y243

Synonyms

MPPH; PKBG; MPPH2; PRKBG; STK-2; PKB-GAMMA; RAC-gamma; RAC-PK-gamma

Reactivity

Human,Mouse,Rat

Application

WB, ICC/IF

Calculated MW

56 kDa

Observed MW

56 kDa

Host species

Rabbit

Clonality

Monoclonal

Clonality No.

DGR16941

Isotype

IgG

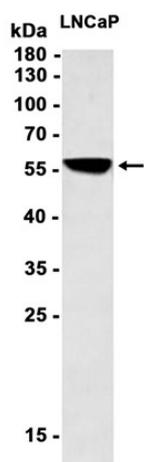
Purity

Affinity Purification

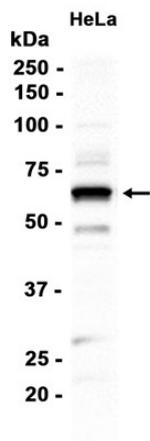
Conjugation

Un-conjugated

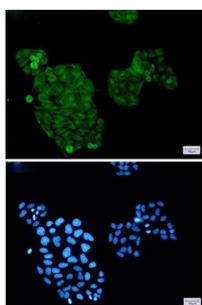
Concentration	1 mg/mL
Formulation	PBS Only
Storage Stability	Store at -20°C. Recommended to aliquot into single-use vials. Supplied in 1X PBS (pH 7.4). BSA and Azide Free. Stable for 12 months from date of receipt.



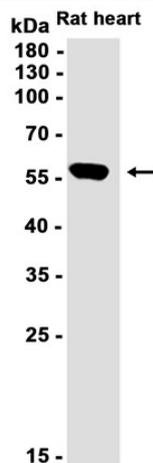
Western blot analysis of extracts from LNCaP cells using [db14689](#) at 1:500.



Western blot analysis of extracts from HeLa cells using [db14689](#) at 1:1000.



Immunofluorescent analysis of HeLa cells using [db14689](#) antibody (green), and DAPI (blue).



Western blot analysis of extracts from Rat heart tissue using [db14689](#) at 1:1000.