

Recombinant

DGRmAb®

AKT1/2/3 (DGR16941) Rabbit mAb

db14689

Package : 10µL 20µL 50µL 100µL

Product Name : AKT1/2/3 (DGR16941) Rabbit mAb**Cat.No.:** db14689**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

Recommended dilutionWB: 1:1000
ICC/IF: 1:500-1:1000**Calculated MW**

56 kDa

Observed MW

56 kDa

Host species

Rabbit

Clonality

Monoclonal

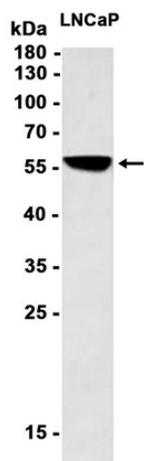
Clonality No.

DGR16941

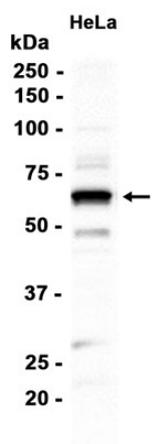
Isotype

IgG

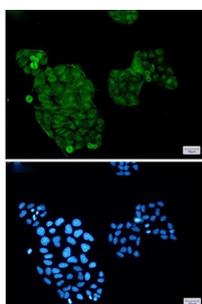
Purity	Affinity Purification
Conjugation	Un-conjugated
Storage Stability	Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.



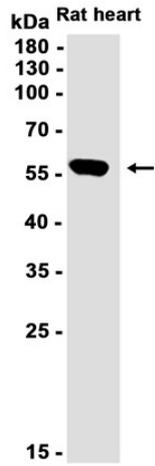
Western blot analysis of extracts from LNCaP cells using db14689 at 1:500.



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.