

Recombinant

DGRmAb®

Phospho-AKT1 (Ser473)/AKT2 (Ser474)/AKT3 (Ser472) (DGR14141) Rabbit mAb (PBS Only)

db13991-PBS

Package : 100µg

Product Name : Phospho-AKT1 (Ser473)/AKT2 (Ser474)/AKT3 (Ser472) (DGR14141) Rabbit mAb (PBS Only)**Cat.No.:** db13991-PBS**Synonyms** : MPPH; PKBG; MPPH2; PRKBG; STK-2; PKB-GAMMA; RAC-gamma; RAC-PK-gamma**Application** : WB, ICC/IF, IP**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 phosphopeptide corresponding to residues surrounding Ser472 of human AKT3

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, IP

Recommended dilution

WB: 1:1000
ICC/IF: 1:100
IP: 1:20-1:50

Calculated MW

56 kDa

Observed MW

56 kDa

Host species

Rabbit

Clonality

Monoclonal

Clonality No.

DGR14141

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.