

Recombinant

DGRmAb®

## AKT1/2/3 (DGR12718) Rabbit mAb

db15734

Package : 10µL 20µL 50µL 100µL

**Product Name** : AKT1/2/3 (DGR12718) Rabbit mAb**Cat.No.:** db15734**Synonyms** : MPPH; PKBG; MPPH2; PRKBG; STK-2; PKB-GAMMA; RAC-gamma; RAC-PK-gamma**Application** : WB, IHC-P, FC, 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**

Recombinant protein 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, IHC-P, FC, IP

**Recommended dilution**

WB: 1:1000

IHC-P: 1:100-1:200

FC: 1:20-1:50

IP: 1:50

**Calculated MW**

56 kDa

**Observed MW**

56 kDa

**Host species**

Rabbit

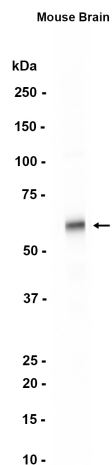
**Clonality**

Monoclonal

**Clonality No.**

DGR12718

<b>Isotype</b>	IgG
<b>Purity</b>	Affinity Purification
<b>Conjugation</b>	Un-conjugated
<b>Storage Stability</b>	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 Mouse brain tissue using db15734 at 1:1000.