

Recombinant Human AKT2 / protein kinase B / PKB beta Protein (His & GST tag)

db58407

Package : 10µg 50µg 100µg 1mg

Product Name : Recombinant Human AKT2 / protein kinase B / PKB beta Protein (His & GST tag)**Cat.No.:** db58407**Synonyms** : HIHGHH;PKBB;PKBBETA;PRKBB;RAC-BETA**Application** : Positive Control, Immunogen, SDS-PAGE, WB**Tag** : N-His & GST**Expression host** : Baculovirus-Insect Cells**Species** : Human**Background**

AKT2 is one of 3 closely related serine/threonine-protein kinases (AKT1, AKT2 and AKT3) called the AKT kinase, and which regulate many processes including metabolism, proliferation, cell survival, growth and angiogenesis. This is mediated through serine and/or threonine phosphorylation of a range of downstream substrates. Over 100 substrate candidates have been reported so far, but for most of them, no isoform specificity has been reported. AKT is responsible of the regulation of glucose uptake by mediating insulin-induced translocation of the SLC2A4/GLUT4 glucose transporter to the cell surface.

Gene ID

208

Swiss Prot

P31751

Synonyms

HIHGHH;PKBB;PKBBETA;PRKBB;RAC-BETA

Application

Positive Control, Immunogen, SDS-PAGE, WB

Molecular Weight

83.6 kDa

Species

Human

Purity

>90% as determined by SDS-PAGE.

Seq

Met 1-Glu481

Tag

N-His & GST

Formulation

Freeze-dried powder

Storage Stability

Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months. Avoid repeated freeze/thaw cycles.

