

Akt3 rabbit pAb

Cat No.: ES20840

For research use only

Overview

Product Name Akt3 rabbit pAb

Host species Rabbit
Applications WB

Species Cross-Reactivity Human;Mouse;Rat **Recommended dilutions** WB: 1:1000-2000

Immunogen Recombinant Protein of RAC-gamma

serine/threonine-protein kinase

Specificity The antibody detects endogenous Akt3 protein. **Formulation** Liquid in PBS containing 50% glycerol, 0.5% BSA and

0.02% sodium azide.

Storage Store at -20°C. Avoid repeated freeze-thaw cycles.

Protein Name RAC-gamma serine/threonine-protein kinase

Gene Name AKT3

Cellular localization Nucleus . Cytoplasm . Membrane ; Peripheral

membrane protein. Membrane-associated after cell

stimulation leading to its translocation.

Purification The antibody was affinity-purified from rabbit

antiserum by affinity-chromatography using

epitope-specific immunogen.

Clonality Polyclonal

Concentration

Observed band56kDHuman Gene ID10000Human Swiss-Prot NumberQ9Y243

Alternative Names AKT3; PKBG; RAC-gamma serine/threonine-protein

kinase; Protein kinase Akt-3; Protein kinase B gamma; PKB gamma; RAC-PK-gamma; STK-2

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,

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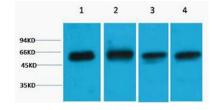


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differentiation, apoptosis, tumorigenesis, as well as glycogen synthesis and glucose uptake. This kinase has been shown to be stimulated by platelet-derived growth factor (PDGF), insulin, and insulin-like growth factor 1 (IGF1). Alternatively splice transcript variants encoding distinct isoforms have been described. [provided by RefSeq, Jul 2008],

Western blot analysis of 1) Hela, 2) 3T3, 3) Mouse Brain, 4) Rat Brain tissue, diluted at 1:2000. Secondary antibody(catalog#:RS0002) was diluted at 1:20000



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