



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 band	56kD
Human Gene ID	10000
Human Swiss-Prot Number	Q9Y243
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,



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

