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Akt3 Monoclonal Antibody

Isotype IgG Reactivity Human Applications WB;ELISA Gene Name AKT3 Protein Name RAC-gamma serine/threonine-protein kinase Immunogen Purified recombinant fragment of Akt3 expressed in E. Coli. Specificity Akt3 Monoclonal Antibody detects endogenous levels of Akt3 protein. Formulation Ascitic fluid containing 0.03% sodium azide,0.5% BSA, 50%glycerol. Source Monoclonal, Mouse Purification Affinity purification Dilution Western Blot: 1/500 - 1/2000. ELISA: 1/10000. Not yet tested in other applications. Concentration 1 mg/ml Purity ≥90% Storage Stability -20°C/1 year Synonyms AKT3; PKBG; RAC-gamma serine/threonine-protein kinase; Protein kinase Akt-3; Protein kinase B gamma; PKB gamma; RAC-PK-gamma; STK-2 Observed Band 56kD Cell Pathway Nucleus. Cytoplasm. Membrane : Peripheral membrane protein. Membrane-associated after cell stimulation leading to its translocation. Tissue Specificity In adult tissues, it is highly expressed in heart, luger and brain and not at all in kidney. Function Catalytic activity-ATP + a protein = ADP + a phosphoprote	Catalog No	YP-Ab-14115
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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],

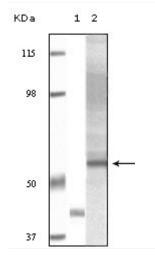
matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Western Blot analysis using Akt3 Monoclonal Antibody against truncated Akt3 recombinant protein (1) and human ovary carcinoma tissue lysate (2).