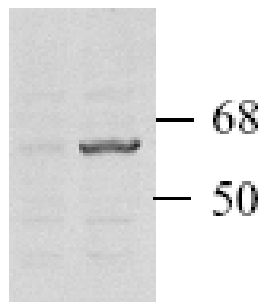


Anti-Akt/PKB Polyclonal Antibody

Catalog No.	CPA000	Quantity:	200 µg
Alternate Names:	CAKT antibody, Murine thymoma viral (vakt) oncogene homolog 1 antibody, PKB Akt antibody, PKB alpha antibody, PKB antibody, PKBalpha antibody, PRKBA antibody, Protein kinase B antibody, RAC alpha serine/threonine protein kinase antibody, RAC PK alpha antibody, RAC Serine/Threonine Protein Kinase antibody		
Description:	This polyclonal antibody, which reacts with mouse and human Akt/PKB, was generated using <i>E. Coli</i> -expressed mouse Akta (a.a. 375- 479) as an immunogen. Akt (also termed PKB, or RAC (Related to PKA and PKC), is the cellular homologue of the viral oncoprotein v-Akt. Akt is a serine / threonine kinases that consist of an N-terminal PH domain, a kinase domain and a C-terminal domain similar to that of the PKC family. Akta contains 480 amino acids, and can be activated by receptor tyrosine kinases through the PI 3-kinase pathway. Akt has been shown to suppress apoptosis. Recent study suggests that Akt may also be part of the NF-κB activation pathway.		
Formulation:	Protein A purified rabbit IgG, 200 mg, with 0.1% sodium azide, lyophilized.		
Cross-Reactivity:	Cross-reactivity to Akt of other species has not been determined.		
Reconstitution:	Reconstitute to 1 mg/ml by adding 200 µl H ₂ O		
Applications:	The tested titer for Western blot is 1:5,000.		
Storage & Stability:	4°C for short term storage or -20°C in small aliquots for long term storage. Avoid repeated freeze and thaw cycles.		
References:	Search PubMed (MEDLINE) for references to this product.		

Please note: always centrifuge vials before opening.

Mouse Akt detected by Western blot in transfected HEK293 cells (right lane)



NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.



Cell Sciences, Inc.
480 Neponset Street
Bldg 12A
Canton, MA 02021

Toll Free: 888-769-1246
Phone: 781-828-0610
Fax: 781-828-0542

E-mail: info@cellsciences.com
Web site: www.cellsciences.com