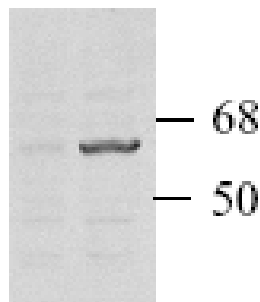


## Anti-Akt/PKB Polyclonal Antibody

<b>Catalog No.</b>	CPA000	<b>Quantity:</b>	200 µg
<b>Alternate Names:</b>	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		
<b>Description:</b>	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.		
<b>Formulation:</b>	Protein A purified rabbit IgG, 200 mg, with 0.1% sodium azide, lyophilized.		
<b>Cross-Reactivity:</b>	Cross-reactivity to Akt of other species has not been determined.		
<b>Reconstitution:</b>	Reconstitute to 1 mg/ml by adding 200 µl H <sub>2</sub> O		
<b>Applications:</b>	The tested titer for Western blot is 1:5,000.		
<b>Storage &amp; Stability:</b>	4°C for short term storage or -20°C in small aliquots for long term storage. Avoid repeated freeze and thaw cycles.		
<b>References:</b>	Search <a href="#">PubMed</a> (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.



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