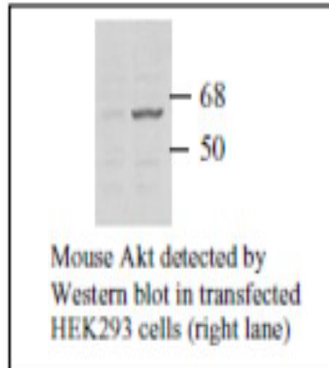


Akt1

Rabbit Anti-Akt / PKB pAb

Catalog No.	CPA000	Quantity:	200 µg
Alternate Names:	RAC-alpha serine/threonine-protein kinase, Akt1 kinase, Protein kinase B alpha, Proto-oncogene c-Akt		
Description:	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. Akt 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.		
Immunogen:	<i>E. coli</i> -expressed mouse Akt-alpha (a.a. 375- 479)		
UniProt ID:	P31750		
Gene ID:	11651		
Host:	Rabbit		
Isotype:	IgG		
Specificity:	Mouse Akt/PKB		
Cross-Reactivity:	Reacts with Mouse and Human Akt/PKB Cross-reactivity to other species has not been determined.		
Formulation:	Lyophilized with 0.1% sodium azide. Precaution: Sodium azide is a poisonous and hazardous substance which should be handled by trained staff only.		
Purification:	Protein A affinity chromatography		
Reconstitution:	Centrifuge vial prior to opening. Reconstitute to 1 mg/ml by adding 200 µl H ₂ O		
Applications:	Western blot: suggested dilution of 1:5,000. The optimal concentration should be determined by the user for each specific application.		
Storage & Stability:	Store at 2-8°C for short term storage or -20°C to -80°C in working aliquots for long term storage. Avoid repeated freeze and thaw.		



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



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