

## Antibodies Product Datasheet

<b>Product Name:</b>	Akt1 (Phospho-Tyr474) Antibody
<b>Catalog Number:</b>	A0607
<b>Reactivity:</b>	Human, Mouse, Rat, Monkey
<b>Applications:</b>	WB, IHC-p, IF(paraffin section), ELISA
<b>Dilutions:</b>	Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/5000. Not yet tested in other applications.
<b>Modification:</b>	Phospho Specific
<b>Source:</b>	Polyclonal Rabbit
<b>Purification:</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Immunogen:</b>	The antiserum was produced against synthesized peptide derived from human Akt around the phosphorylation site of Tyr474. AA range:431-480
<b>Concentration:</b>	1 mg/ml
<b>Gene Name:</b>	AKT1
<b>Protein Name:</b>	RAC-alpha serine/threonine-protein kinase
<b>Other Name:</b>	AKT1; PKB; RAC; RAC-alpha serine/threonine-protein kinase; Protein kinase B; PKB; Protein kinase B alpha; PKB alpha; Proto-oncogene c-Akt; RAC-PK-alpha
<b>Human Swiss Prot No.:</b>	P31749
<b>Formulation:</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Specificity:</b>	Phospho-Akt1 (Y474) Polyclonal Antibody detects endogenous levels of Akt1 protein only when phosphorylated at Y474.
<b>Storage and Stability:</b>	-20°C/1 year