

## Antibodies Product Datasheet

<b>Product Name:</b>	Akt (Phospho-Ser473) Antibody
<b>Catalog Number:</b>	A0041
<b>Reactivity:</b>	Human, Mouse, Rat
<b>Applications:</b>	WB, IHC-p, IF/ICC, ELISA
<b>Dilutions:</b>	Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/10000. 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>	Synthesized phospho-peptide around the phosphorylation site of human Akt (phospho Ser473)
<b>Concentration:</b>	1 mg/ml
<b>Gene Name:</b>	AKT1/AKT2/AKT3
<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-Akt (S473) Polyclonal Antibody detects endogenous levels of Akt protein only when phosphorylated at S473.
<b>Storage and Stability:</b>	-20°C/1 year