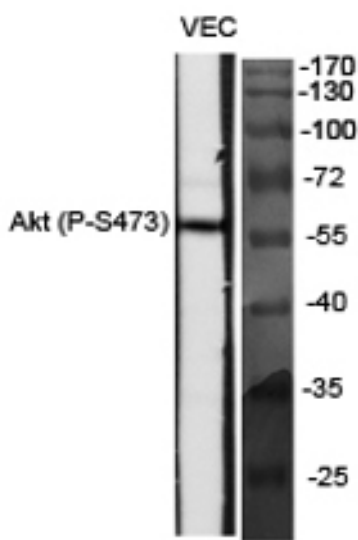




Akt (phospho Ser473) Polyclonal Antibody

Swiss-Prot No.:	P31749/P31751/Q9Y243
Molecular Weight:	55.716
Applications:	WB,IHC,ELISA
Reactivity:	Human,Mouse,Rat
Purification:	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Immunogen:	Synthesized peptide derived from human Akt around the phosphorylation site of S473.
Specificity/Sensitivity:	Phospho-Akt (S473) Polyclonal Antibody detects endogenous levels of Akt protein only when phosphorylated at S473.
Other Names:	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; AKT2; RAC-beta serine/threonine-protein kinase; Protein kinase Akt-2; Protein kinase B
Storage/Stability:	-20°C/1 year
Source:	Rabbit
Form of Antibody:	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

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Protein Concentration:	1 mg/ml
	 <p>Western blot analysis of VEC cells using Phospho-Akt (S473) Polyclonal Antibody. The blot shows a single band for Akt (P-S473) at approximately 55 kDa. Molecular weight markers are indicated on the right at 170, 130, 100, 72, 55, 40, 35, and 25 kDa.</p>
	Western Blot analysis of various cells using Phospho-Akt (S473) Polyclonal Antibody
Gene Name:	AKT1/AKT2/AKT3
Dilution:	Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/40000. Not yet tested in other applications.