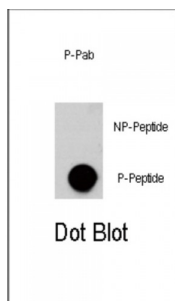


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## AKT3 (pS472) Antibody

Catalogue No.: abx031997



AKT3 is a member of the AKT, also called PKB, serine/threonine protein kinase family. AKT kinases are known to be regulators of cell signaling in response to insulin and growth factors. They are involved in a wide variety of biological processes including cell proliferation, differentiation, apoptosis, tumorigenesis, as well as glycogen synthesis and glucose uptake. This kinase has been shown to be stimulated by platelet-derived growth factor (PDGF), insulin, and insulin-like growth factor 1 (IGF1).

<b>Target:</b>	AKT3 (pS472)
<b>Reactivity:</b>	Human
<b>Host:</b>	Rabbit
<b>Clonality:</b>	Polyclonal
<b>Tested Applications:</b>	DB
<b>Recommended dilutions:</b>	Optimal dilutions/concentrations should be determined by the end user.
<b>Immunogen:</b>	Human AKT3 (phospho-Ser472).
<b>Purification:</b>	Peptide Affinity Purified Rabbit Polyclonal Antibody.
<b>Isotype:</b>	IgG
<b>Conjugation:</b>	Unconjugated
<b>Specificity:</b>	This AKT3 Antibody is generated from rabbits immunized with a KLH conjugated synthetic phosphopeptide corresponding to amino acid residues surrounding S472 of human AKT3.
<b>Storage:</b>	Aliquot and store at -20 °C. Avoid repeated freeze/thaw cycles.
<b>Swiss Prot:</b>	<a href="#">Q9Y243</a>

**Enzyme Commission Number:** EC 2.7.11.1::EC 2.7.11

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**NCBI Accession:** NP\_001193658.1, NP\_005456.1, NP\_859029.1

**Buffer:** PBS with 0.09% (W/V) sodium azide. Then, the antibody fraction is peptide affinity purified in a 2-step procedure with the control and phosphorylated peptides. The phospho-specific antibody is eluted with high and low pH buffers and neutralized immediately, followed by dialysis against PBS.

**Note:** This product is for research use only.