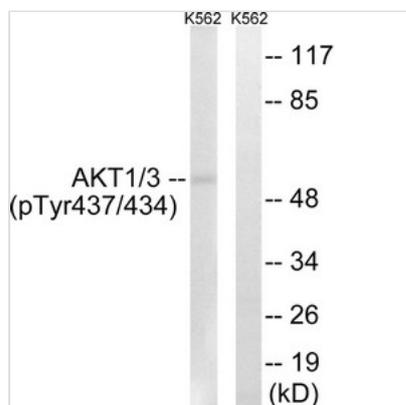




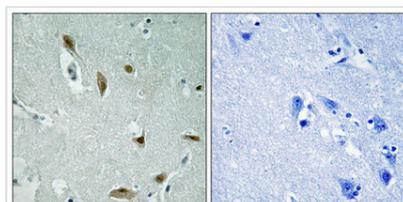
# Phospho-AKT1/AKT3 (Tyr437/434) Antibody

<b>Product Code</b>	CSB-PA038073
<b>Storage</b>	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
<b>Uniprot No.</b>	P31749
<b>Immunogen</b>	Peptide sequence around phosphorylation site of tyrosine 437 (T-R-Y(p)-F-D) derived from Human AKT1/3.
<b>Raised In</b>	Rabbit
<b>Species Reactivity</b>	Human, Mouse, Rat
<b>Specificity</b>	The antibody detects endogenous levels of AKT1/3 only when phosphorylated at tyrosine 437.
<b>Tested Applications</b>	ELISA, WB, IHC; WB: 1:500-1:3000, IHC: 1:50-1:100
<b>Form</b>	Rabbit IgG in phosphate buffered saline (without Mg <sup>2+</sup> and Ca <sup>2+</sup> ), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
<b>Purification Method</b>	Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatography.
<b>Clonality</b>	Polyclonal
<b>Alias</b>	EC 2.7.11.1; RAC-PK-alpha; Protein kinase B; PKB; C-AKT
<b>Product Type</b>	Polyclonal Antibody
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Target Names</b>	AKT1/AKT3

## Image



Western blot analysis of extracts from K562 cells, treated with insulin (0.01U/ml, 15mins), using AKT1/3 (Phospho-Tyr437/434) antibody. The lane on the right is treated with the synthesized peptide.



Immunohistochemistry analysis of paraffin-embedded human brain tissue using AKT1/3 (Phospho-Tyr437/434) antibody. The picture on the right is treated with the synthesized peptide.



**Product Modify**

Phospho-Tyr437/434