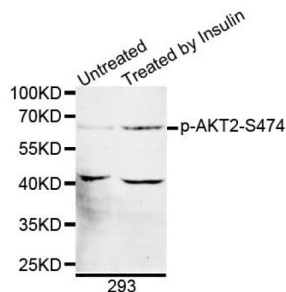


## RAC-Beta Serine/Threonine-Protein Kinase Phospho-Ser474 (AKT2 pS474) Antibody

Catalogue No.: abx000095



Western blot analysis of extracts of 293 cells, using Phospho-AKT2-S474 antibody (abx000095).

AKT2 (pS474) Antibody is a Rabbit Polyclonal antibody against AKT2 (pS474). This gene is a putative oncogene encoding a protein belonging to a subfamily of serine/threonine kinases containing SH2-like (Src homology 2-like) domains. The gene was shown to be amplified and overexpressed in 2 of 8 ovarian carcinoma cell lines and 2 of 15 primary ovarian tumors. Overexpression contributes to the malignant phenotype of a subset of human ductal pancreatic cancers. The encoded protein is a general protein kinase capable of phosphorylating several known proteins.

<b>Target:</b>	RAC-Beta Serine/Threonine-Protein Kinase Phospho-Ser474 (AKT2 pS474)
<b>Clonality:</b>	Polyclonal
<b>Target Modification:</b>	Ser474
<b>Modification:</b>	Phosphorylation
<b>Reactivity:</b>	Human, Mouse, Rat
<b>Tested Applications:</b>	WB
<b>Host:</b>	Rabbit
<b>Recommended dilutions:</b>	WB: 1/500 - 1/2000. Optimal dilutions/concentrations should be determined by the end user.
<b>Conjugation:</b>	Unconjugated
<b>Immunogen:</b>	A synthetic phosphorylated peptide around S474 of human AKT2.
<b>Isotype:</b>	IgG
<b>Form:</b>	Liquid
<b>Purification:</b>	Purified by affinity chromatography.

# Datasheet

Version: 2.0.0  
Revision date: 06 Oct 2024



<b>Storage:</b>	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
<b>UniProt Primary AC:</b>	P31751 ( <a href="#">UniProt</a> , <a href="#">ExpASY</a> )
<b>Gene Symbol:</b>	AKT2
<b>GeneID:</b>	<a href="#">208</a>
<b>NCBI Accession:</b>	NP_001617.1
<b>KEGG:</b>	hsa:208
<b>String:</b>	<a href="#">9606.ENSP00000375892</a>
<b>Molecular Weight:</b>	Calculated MW: 56 kDa Observed MW: 60 kDa
<b>Buffer:</b>	PBS, pH 7.3, containing 0.01% thimerosal, 50% glycerol.
<b>Concentration:</b>	> 0.2 mg/ml
<b>Note:</b>	This product is for research use only.

For Reference Only