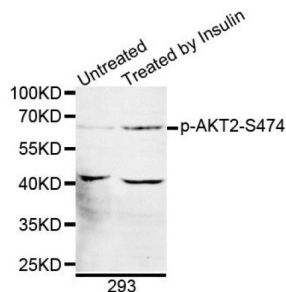


RAC-Beta Serine/Threonine-Protein Kinase Phospho-Ser474 (AKT2 pS474) Antibody

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.

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

Datasheet

Version: 2.0.0
Revision date: 06 Oct 2024



Storage: Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.

UniProt Primary AC: P31751 ([UniProt](#), [ExpASY](#))

Gene Symbol: AKT2

GeneID: [208](#)

NCBI Accession: NP_001617.1

KEGG: hsa:208

String: [9606.ENSP00000375892](#)

Molecular Weight: Calculated MW: 56 kDa
Observed MW: 60 kDa

Buffer: PBS, pH 7.3, containing 0.01% thimerosal, 50% glycerol.

Concentration: > 0.2 mg/ml

Note: This product is for research use only.

For Reference Only