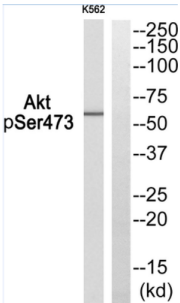
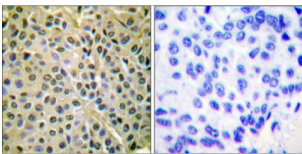


RAC-Alpha Serine/Threonine-Protein Kinase Phospho-Ser473 (AKT1 pS473) Antibody

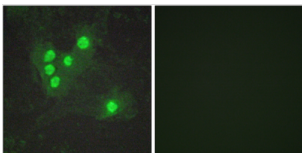
Catalogue No.: abx012415



Western blot analysis of extracts from K562, using Akt (Phospho-Ser473) Antibody.



Immunohistochemistry analysis of paraffin-embedded human breast carcinoma tissue, using Akt (Phospho-Ser473) antibody.



Immunofluorescence analysis of A549 cells, using Akt (Phospho-Ser473) Antibody.

Rabbit polyclonal antibody against Akt protein. Immunogen region is C-terminal. Specificity is as follows for the reactive species: H:S473, M:S473, R:S473.

Target:	RAC-Alpha Serine/Threonine-Protein Kinase Phospho-Ser473 (AKT1 pS473)
Clonality:	Polyclonal
Target Modification:	Ser473
Modification:	Phosphorylation
Reactivity:	Human, Mouse, Rat
Tested Applications:	WB, IHC, IF/ICC

Datasheet

Version: 3.0.0
Revision date: 19 Nov 2025



Host:	Rabbit
Recommended dilutions:	WB: 1/500 - 1/3000, IHC: 1/50 - 1/200, IF/ICC: 1/100 - 1/500. Optimal dilutions/concentrations should be determined by the end user.
Conjugation:	Unconjugated
Immunogen:	The antiserum was produced against synthesized phosphopeptide derived from human Akt around the phosphorylation site of Serine 473 (Q-F-S ^P -Y-S).
Isotype:	IgG
Form:	Liquid
Purification:	Purified from rabbit antiserum by affinity chromatography using epitope-specific immunogen.
Storage:	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
UniProt Primary AC:	P31749 (UniProt , ExPASy)
KEGG:	hsa:207
String:	9606.ENSP00000451828
Enzyme Commission Number:	EC 2.7.11.1
Sequence:	CPHFPQFSYSASST
Buffer:	PBS (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150 mM NaCl, 0.02% sodium azide, 50% glycerol.
Specificity:	Detects endogenous levels of Akt only when phosphorylated at Ser473.
Concentration:	1 mg/ml
Note:	THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.