

anti-Human Akt Antibody | anti-Akt antibody

Akt (Phospho-Ser473) Antibody

CATALOG # AAA110529	REACTIVITY Human	APPLICATIONS Immunohistochemistry, ELISA, Western Blot
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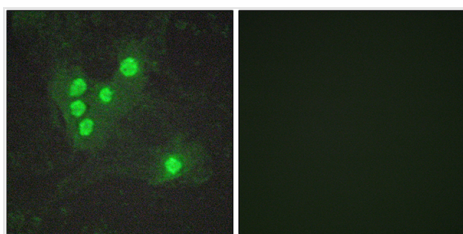
PRODUCT SYNONYMS

Akt; Akt (Phospho-Ser473) Antibody; AKT; AKT1 kinase; C-AKT; kinase Akt1; PKB; PKB-alpha; Protein kinase B; RAC; RAC-alpha serine/threonine kinase; RAC-PK-alpha; anti-Akt antibody

PRODUCT SPECIFICATIONS

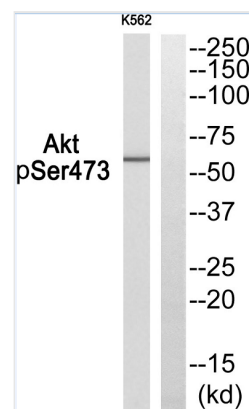
Reactivity	Human
Specificity	Akt (Phospho-Ser473) Antibody detects endogenous levels of Akt only when phosphorylated at Ser473.
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Form/Format	In phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Sequence Length	480
Applicable Applications for anti-Akt antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Immunogen	The antiserum was produced against synthesized phosphopeptide derived from human Akt
Preparation and Storage	Store at -20 degree C for 1 year.

IMAGES



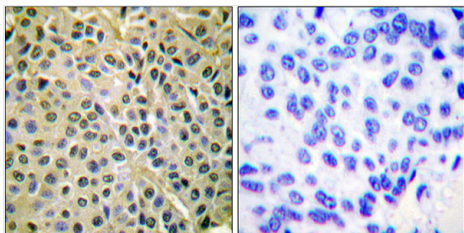
Application Data

P-peptide - +Immunofluorescence analysis of A549 cells, using Akt (Phospho-Ser473) Antibody



Application Data

P-peptide-+Immunohistochemistry analysis of paraffin-embedded human breast carcinoma tissue using Akt (Phospho-Ser473) Antibody. Western blot analysis of extracts from K562, using Akt (Phospho-Ser473) Antibody.



Application Data
P-peptide - +

ADDITIONAL INFORMATION

Product Categories/Family for anti-Akt antibody	Autophagy antibody; Cancer; Cardiovascular; Cell Biology; Epigenetics & Nuclear Signaling; Developmental Biologys; Immunology; Drug Discovery Products; Metabolism; Neuroscience; Signal Transduction; Stem Cells
References	Payaningal R. Somanath, J. Biol. Chem., Jun 2007; 10.1074. Xiaoming Ju, PNAS, May 2007; 104: 7438-7443. Brian DeBosch, Circulation, May 2006; 113: 2097-2104.

NCBI AND UNIPROT INFORMATION

NCBI GI #	62241013
NCBI GeneID	207
NCBI Accession #	NP_001014431.1
NCBI GenBank Nucleotide #	NM_001014431.1
UniProt Accession #	P31749; Q9BWB6; B2RAM5; B7Z5R1
Molecular Weight	48,347 Da
NCBI Official Full Name	RAC-alpha serine/threonine-protein kinase
NCBI Official Synonym Full Names	AKT serine/threonine kinase 1
NCBI Official Symbol	AKT1
NCBI Official Synonym Symbols	AKT; PKB; RAC; CWS6; PRKBA; PKB-ALPHA; RAC-ALPHA
NCBI Protein Information	RAC-alpha serine/threonine-protein kinase
UniProt Protein Name	RAC-alpha serine/threonine-protein kinase
UniProt Gene Name	AKT1
UniProt Synonym Gene Names	PKB; RAC; PKB; PKB alpha

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/human-antibody/akt/110529>