

Rabbit AKT1 Polyclonal Antibody | anti-AKT1 antibody

Phospho-AKT1 (Ser473) Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA243355	Rabbit	Human, Mouse, Rat	Immunohistochemistry, Western Blot, ELISA

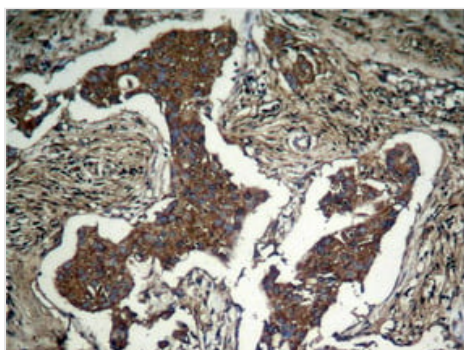
PRODUCT SYNONYMS

AKT1; Polyclonal Antibody; Phospho-AKT1 (Ser473) Antibody; C-AKT; PKB; PKB-alpha; RAC; RAC-PK-alpha; akt s473; akt 473; akt ser473 antibody; anti-AKT1 antibody

PRODUCT SPECIFICATIONS

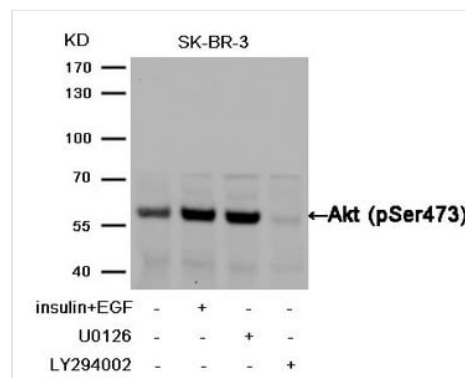
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatography using
Form/Format	Liquid; Supplied at 1.0mg/mL in Phosphate Buffered Saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% Sodium Azide and 50% Glycerol.
Applicable Applications for anti-AKT1 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Peptide sequence around phosphorylation site of serine 473 (Q-F-S(p)-Y-S) derived from Human Akt.
Immunogen Species	Human
Conjugate	Non-conjugated
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



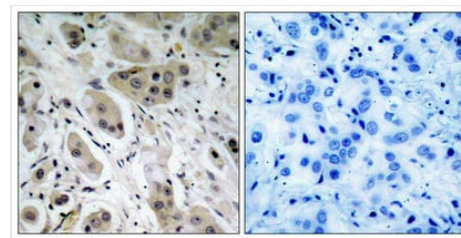
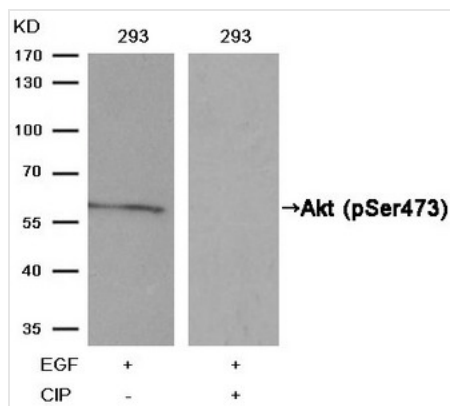
IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human Lung carcinoma tissue using Akt (Phospho-Ser473) Antibody.



WB (Western Blot)

Western blot analysis of extracts from SK-BR-3 cells, treated with insulin and EGF, and pretreated with U0126 and LY294002 cells using Akt (Phospho-Ser473) Antibody.



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using Akt(Phospho-Ser473) Antibody(left) or the same antibody preincubated with blocking peptide(right).

WB (Western Blot)

Western blot analysis of extracts from 293 cells, treated with EGF or calf intestinal phosphatase (CIP), using Akt(Phospho-Ser473) Antibody.

ADDITIONAL INFORMATION

Product Categories/Family for anti-AKT1 antibody

Neuroscience

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
Molecular Weight	55,686 Da
NCBI Official Full Name	RAC-alpha serine/threonine-protein kinase
NCBI Official Synonym Full Names	v-akt murine thymoma viral oncogene homolog 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; PKB alpha; RAC-PK-alpha; proto-oncogene c-Akt; protein kinase B alpha; rac protein kinase alpha
UniProt Protein Name	RAC-alpha serine/threonine-protein kinase
UniProt Gene Name	AKT1
UniProt Synonym Gene Names	PKB; RAC; PKB; PKB alpha
UniProt Entry Name	AKT1_HUMAN

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/polyclonal/akt1-antibody-immunohistochemistry-western-blot-elisa/243355>