

Akt recombinant antibody

Akt (Phospho-Ser473) Rabbit mAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA314873	Rabbit	Human, Mouse, Rat	Immunofluorescence, Immunocytochemistry, Immunohistochemistry, Western Blot

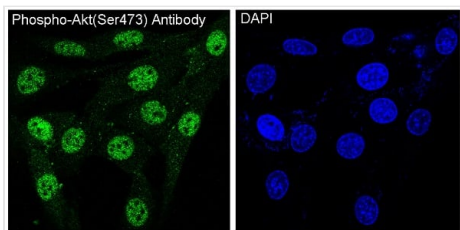
PRODUCT SYNONYMS

Akt; Monoclonal Recombinant Antibody; Akt (Phospho-Ser473) Rabbit mAb; AKT; AKT1 kinase; C-AKT; PKB; PKB-alpha; Protein kinase B; RAC; RAC-PK-alpha; Akt recombinant antibody

PRODUCT SPECIFICATIONS

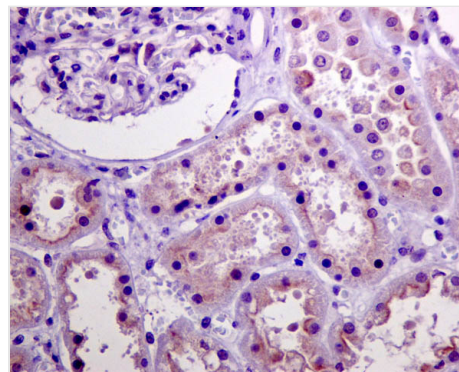
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Isotype	Rabbit IgG
Specificity	Phospho-Akt(Ser473) Antibody detects endogenous levels of total Phospho-Akt(Ser473)
Purity/Purification	Affinity-chromatography
Form/Format	Rabbit IgG in phosphate buffered saline, pH7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Applicable Applications for Akt recombinant antibody	IF (Immunofluorescence), ICC (Immunocytochemistry), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human Phospho-Akt(Ser473)
Preparation and Storage	Store at +4 degree C short term. Store at -20 degree C long term. Avoid freeze/thaw cycle.

IMAGES



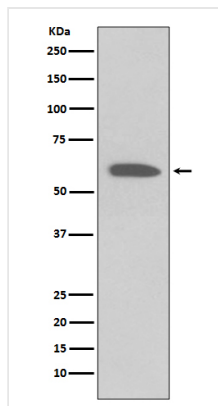
IF (Immunofluorescence)

Immunofluorescent analysis of NIH/3T3 cells treated with PDGF, using Phospho-Akt(Ser473) Antibody.



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human kidney, using Phospho-Akt(Ser473) Antibody.



WB (Western Blot)

Western blot analysis on 2 NIH/3T3 cell lysate treated with PDGF using Phospho-Akt(Ser473) Antibody.

ADDITIONAL INFORMATION

Product Categories/Family for Akt recombinant antibody	Recombinant Rabbit Monoclonal
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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/monoclonal/akt-recombinant-antibody-immunofluorescence-immunocytochemistry-immunohistochemistry-western-blot-elisa/314873>