

Rabbit AKT Polyclonal Antibody | anti-AKT antibody

Rabbit anti-AKT (pT450) Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA223502	Rabbit	Human, Mouse, Rat, Bovine, Pig, Sheep	Immunohistochemistry, Western Blot

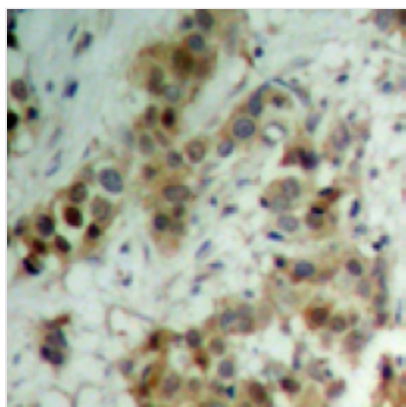
PRODUCT SYNONYMS

AKT; Polyclonal Antibody; Rabbit anti-AKT (pT450) Antibody; PKB; RAC; RAC-alpha serine/threonine-protein kinase; Protein kinase B; Protein kinase B alpha; PKB alpha; Proto-oncogene c-Akt; RAC-PK-alpha; anti-AKT antibody

PRODUCT SPECIFICATIONS

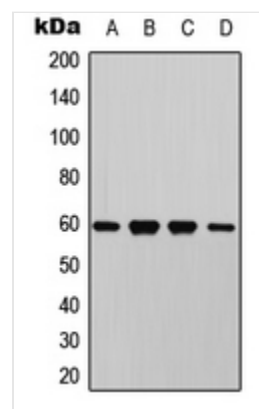
Host	Rabbit
Reactivity	Human, Mouse, Rat, Bovine, Pig, Sheep
Clonality	Polyclonal
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Form/Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Concentration	1mg/mL (varies by lot)
Applicable Applications for anti-AKT antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human AKT. The exact sequence is proprietary.
Preparation and Storage	Store at -20 degree C. Avoid repeated freeze/thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemical analysis of AKT (pT450) staining in human breast cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



WB (Western Blot)

Western blot analysis of AKT (pT450) expression in HeLa (A), HepG2 colchicine-treated (B), NIH3T3 UV-treated (C), PC12 H2O2-treated (D) whole cell lysates.

ADDITIONAL INFORMATION

Product Categories/Family for anti-AKT antibody	Primary antibodies
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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; P31750; P47196
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://www.aaabiotech.com/polyclonal/akt-antibody-immunohistochemistry-western-blot-elisa/223502>