

Rabbit Akt1 Polyclonal Antibody | anti-Akt1 antibody

Akt1 (Phospho-Tyr474) Polyclonal Antibody

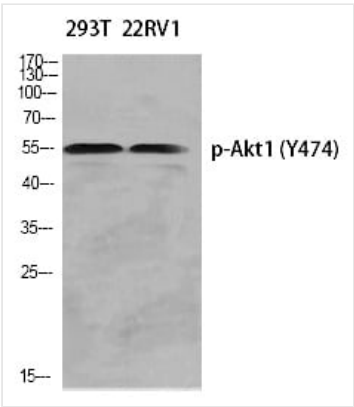
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA301508	Rabbit	Human, Mouse, Rat, Monkey	ELISA, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

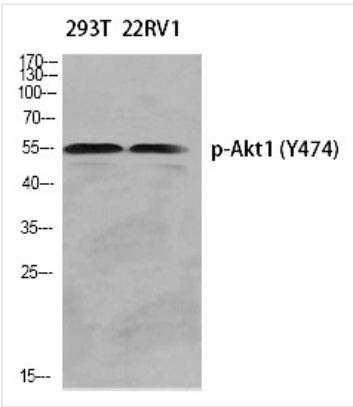
Akt1; Polyclonal Antibody; Akt1 (Phospho-Tyr474) Polyclonal Antibody; AKT1; PKB; RAC; RAC-alpha serine/threonine-protein kinase; Protein kinase B; Protein kinase B alpha; PKB alpha; Proto-oncogene c-Akt; RAC-PK-alpha; anti-Akt1 antibody

PRODUCT SPECIFICATIONS

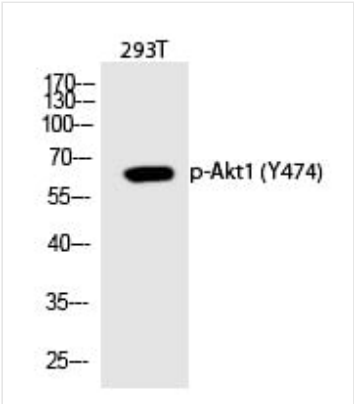
Host	Rabbit
Reactivity	Human, Mouse, Rat, Monkey
Clonality	Polyclonal
Specificity	Phospho-Akt1 (Y474) Polyclonal Antibody detects endogenous levels of Akt1 protein only when phosphorylated at Y474.
Purity/Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Form/Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Concentration	1 mg/ml (varies by lot)
Sequence Length	480
Applicable Applications for anti-Akt1 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	peptide
Immunogen Description	Synthesized peptide derived from human Akt1 around the phosphorylation site of Y474.
Modification	Phospho-Tyr474
Target Species	Human
Target Name	Akt1
Preparation and Storage	Store at -20 degree C/1 year



WB (Western Blot)
Western Blot analysis of KB using Phospho-Akt1 (Y474) Polyclonal Antibody



WB (Western Blot)
Western Blot analysis of 293T 22RV1 cells using Phospho-Akt1 (Y474) Polyclonal Antibody



WB (Western Blot)
Western Blot analysis of 293T cells using Phospho-Akt1 (Y474) Polyclonal Antibody

ADDITIONAL INFORMATION

Product Categories/Family for anti-Akt1 antibody	Phospho-specific Ab
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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; B7Z5R1
Molecular Weight	48,347 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

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/301508>