

Goat anti-Human, Mouse AKT1 Polyclonal Antibody | anti-AKT1 antibody

Goat anti-AKT1 Antibody

CATALOG # AAA61570	HOST Goat	REACTIVITY Human, Mouse	APPLICATIONS Western Blot, ELISA
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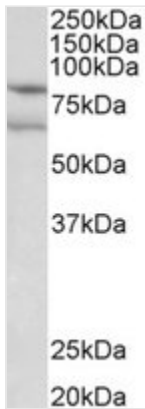
PRODUCT SYNONYMS

AKT1; Polyclonal Antibody; Goat anti-AKT1 Antibody; v-akt murine thymoma viral oncogene homolog 1; AKT; MGC99656; PKB; PRKBA; RAC; RAC-ALPHA; RAC-alpha serine/threonine-protein kinase; murine thymoma viral (v-akt) oncogene homolog-1; protein kinase B; rac protein kinase alpha; anti-AKT1 antibody

PRODUCT SPECIFICATIONS

Host	Goat
Reactivity	Human, Mouse
Clonality	Polyclonal
Purity/Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Form/Format	Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
Concentration	100ug specific antibody in 200ul (varies by lot)
Sequence	QDVDQREAPL N
Sequence Length	480
Applicable Applications for anti-AKT1 antibody	WB (Western Blot), ELISA (Peptide ELISA)
Epitope	Internal Region
Immunogen	Peptide with sequence C-QDVDQREAPLN, from the internal region of the protein sequence according to NP_005154.2; NP_001014431.1; NP_001014432.1.
Important Note	All variants represent identical protein (NP_005154.2, NP_001014431.1, NP_001014432.1). This antibody is NOT expected to cross-react with AKT2. It may recognize AKT1 in Rat and Dog.
Preparation and Storage	Aliquot and store at -20 degree C. Minimize freezing and thawing.

IMAGES



WB (Western Blot)
2ug/ml) staining of Jurkat lysate (35ug protein in RIPA buffer). Primary incubation was 1 hour.
Detected by chemiluminescence.

NCBI AND UNIPROT INFORMATION

NCBI GI #	62241011
NCBI GeneID	207
NCBI Accession #	NP_005154.2; NP_001014431.1; NP_001014432.1
NCBI GenBank Nucleotide #	NM_005163.2
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; AKT1m; 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-western-blot-peptide-elisa-elisa/61570>