

Goat AKT3 Polyclonal Antibody | anti-AKT3 antibody

Goat anti-AKT3 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA61075	Goat	Tested: Human, Mouse, Rat; Expected from sequence similarity: Human, Mouse, Rat, Dog, Cow	Western Blot, ELISA

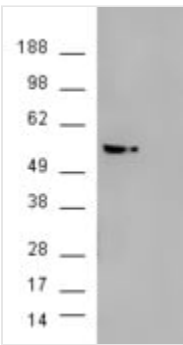
PRODUCT SYNONYMS

AKT3; Polyclonal Antibody; Goat anti-AKT3 Antibody; PKBG; PRKBG; STK-2; RAC-gamma; RAC-PK-gamma; DKFZP434N0250; v-akt murine thymoma viral oncogene homolog 3 (protein kinase B; gamma); protein kinase B gamma; serine threonine protein kinase; Akt-3; RAC-gamma serine/threonine protein kinase; PKB-GAMMA; AKT3 antibody; PKBG antibody; PRKBG antibody; STK-2 antibody; RAC-gamma antibody; RAC-PK-gamma antibody; DKFZP434N0250 antibody; gamma) antibody; protein kinase B gamma antibody; Akt-3 antibody; RAC-gamma serine/threonine protein kinase antibody; anti-AKT3 antibody

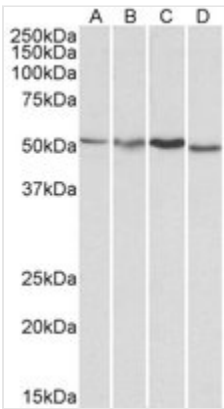
PRODUCT SPECIFICATIONS

Host	Goat
Reactivity	Tested: Human, Mouse, Rat; Expected from sequence similarity: Human, Mouse, Rat, Dog, Cow
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	CSPTSQIDNI GEEEM
Sequence Length	479
Applicable Applications for anti-AKT3 antibody	WB (Western Blot), ELISA (Peptide ELISA)
Immunogen	Peptide with sequence CSPTSQIDNIGEEEM, from the internal region of the protein sequence according to NP_005456.1; NP_859029.1.
Epitope	Internal region
Note	This antibody is expected to recognise an epitope corresponding to aa 119-133 of both isoforms of human AKT3 protein. This antibody does not cross-react with human AKT1/2. Reported variants represent identical protein (NP_859029.1; NP_001193658.1).
Preparation and Storage	Aliquot and store at -20 degree C. Minimize freezing and thawing.

IMAGES



WB (Western Blot)
HEK293 overexpressing AKT3 (RC224750) and probed (mock transfection in second lane), tested by Origene.



WB (Western Blot)
1ug/ml staining of HepG2 (A), Jurkat (B), Mouse Brain (C) and Rat Brain (D) lysates (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4885549
NCBI GeneID	10000
NCBI Accession #	NP_005456.1; NP_859029.1
NCBI GenBank Nucleotide #	NM_005465.4
Molecular Weight	54,032 Da
NCBI Official Full Name	RAC-gamma serine/threonine-protein kinase isoform 1
NCBI Official Synonym Full Names	AKT serine/threonine kinase 3
NCBI Official Symbol	AKT3
NCBI Official Synonym Symbols	MPPH; PKBG; MPPH2; PRKBG; STK-2; PKB-GAMMA; RAC-gamma; RAC-PK-gamma
NCBI Protein Information	RAC-gamma serine/threonine-protein kinase
UniProt Protein Name	RAC-gamma serine/threonine-protein kinase
UniProt Gene Name	AKT3
UniProt Synonym Gene Names	PKBG; PKB gamma
UniProt Entry Name	AKT3_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.