

Rabbit AKT3 Polyclonal Antibody | anti-AKT3 antibody

AKT3 Antibody (Center)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA288803	Rabbit	Human, mouse, rat, monkey	Western Blot, Immunohistochemistry, ELISA

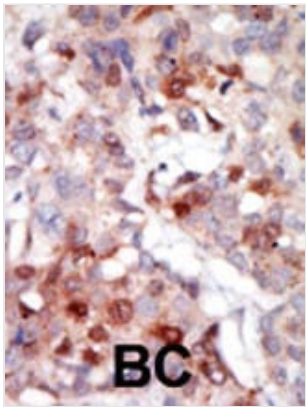
PRODUCT SYNONYMS

AKT3; Polyclonal Antibody; AKT3 Antibody (Center); RAC-gamma serine/threonine-protein kinase; Protein kinase Akt-3; Protein kinase B gamma; PKB gamma; RAC-PK-gamma; STK-2; PKBG; anti-AKT3 antibody

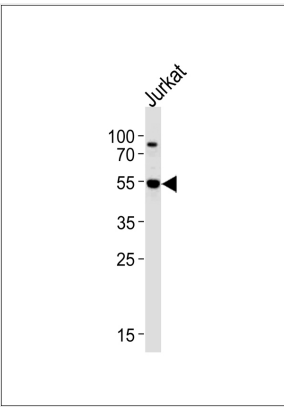
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, mouse, rat, monkey
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This AKT3 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 88-118 amino acids from the Central region of human AKT3.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Concentration	Vial Concentration: 2 (varies by lot)
Sequence Positions	88-118
Sequence Length	465
Applicable Applications for anti-AKT3 antibody	WB (Western Blot), IHC (Immunohistochemistry), ELISA
Antigen Type	Synthetic Peptide
Crown Antibody	Yes
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IHC (Immunohiostchemistry)
Formalin-fixed and paraffin-embedded human cancer tissue reacted with the primary antibody, which was peroxidase-conjugated to the secondary antibody, followed by AEC staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated. BC = breast carcinoma; HC = hepatocarcinoma.



WB (Western Blot)
Western blot analysis of lysate from Jurkat cell line,using AKT3 Antibody (Q103). AAA288803 was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L(HRP) at 1:5000 dilution was used as the secondary antibody.Lysate at 35ug per lane.

ADDITIONAL INFORMATION

Related Product Information for anti-AKT3 antibody	AKT3 is a member of the AKT, also called PKB, serine/threonine protein kinase family. AKT kinases are known to be regulators of cell signaling in response to insulin and growth factors. They are involved in a wide variety of biological processes including cell proliferation, differentiation, apoptosis, tumorigenesis, as well as glycogen synthesis and glucose uptake. This kinase has been shown to be stimulated by platelet-derived growth factor (PDGF), insulin, and insulin-like growth factor 1 (IGF1).
Product Categories/Family for anti-AKT3 antibody	Crown Antibodies; Cancer; Cell Biology; Immunology; Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	332078559
NCBI GeneID	10000
NCBI Accession #	NP_001193658.1; NP_005456.1; NP_859029.1
NCBI GenBank Nucleotide #	NM_001206729.1
UniProt Accession #	Q9Y243; Q0VAA6; Q5VT11; Q5VT12; Q96QV3; Q9UFP5
Molecular Weight	55775
NCBI Official Full Name	RAC-gamma serine/threonine-protein kinase isoform 2
NCBI Official Synonym Full Names	v-akt murine thymoma viral oncogene homolog 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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/akt3-antibody-western-blot-immunohistochemistry-elisa/288803>