

Rabbit Protein Kinase B Alpha (PKBa) Polyclonal Antibody | anti-PKBa antibody

Polyclonal Antibody to Protein Kinase B Alpha (PKBa)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA133074	Rabbit	Human, Mouse, Rat, Dog, Pig, Bovine, Chicken	Western Blot, ELISA, Immunohistochemistry, Immunocytochemistry

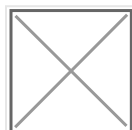
PRODUCT SYNONYMS

Protein Kinase B Alpha (PKBa); Polyclonal Antibody; Polyclonal Antibody to Protein Kinase B Alpha (PKBa); anti-PKBa antibody

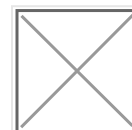
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat, Dog, Pig, Bovine, Chicken
Clonality	Polyclonal
Specificity	The antibody is a rabbit polyclonal antibody raised against PKBa. It has been selected for its ability to recognize PKBa in immunohistochemical staining and western blotting.
Purity/Purification	Affinity Chromatography
Form/Format	Supplied as solution form in PBS, pH7.4, containing 0.02% Na ₃ , 50% glycerol.
Concentration	500ug/mL (varies by lot)
Sequence	Antigen: The target protein is fused with a C-terminal tag. His-tag and its sequence is listed below. MGSS HHHHHHSSGL VPRGSHMASM TGGQQMGRGS EF-SGSPSDN SGAEEMEVSL AKPKHRVTMN EFEYLKLLGK GTFGKVLVK EKATGRYYAM KILKKEVIVA KDEVAHTLTE NRVLQNSRHP FLTALKYSFQ THDRLCFVME YANGGELFFH LSRERVFSED RARFYGAIEV SALDYLHSEK NVVYRDLKLE NLMLDKDGH KITDFGLCKE GIKDGATMKT FCGTPEYLAP EVLEDNDYGR AVDWWGLGVV MYEMMCGRLP FYNQDHEKLF ELILMEEIRF PRTLGPPEAKS LLSGLLKKDP KQRLGGGSED AKEIMQHRFF AGIVWQHVE KKLSPFPKPQ VTSETDTRYF DEEFT
Sequence Length	480
Applicable Applications for anti-PKBa antibody	WB (Western Blot), ELISA, IHC (Immunohistochemistry), ICC (Immunocytochemistry)
Immunogen	Recombinant PKBa (Ser122~Thr443) expressed in E.coli.
Cross Reactivity	Human
Conjugated Antibody	The APC conjugated antibody version of this item is also available as
Preparation and Storage	Store at 4 degree C for frequent use. Stored at -20 degree C to -80 degree C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)
DAB staining on IHC-P. Samples: Human Tissue



WB (Western Blot)
Western Blot: Sample: Recombinant PKBa, Human.

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	AKT serine/threonine kinase 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

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/protein-kinase-b-alpha-pkba-antibody-western-blot-immunohistochemistry-immunocytochemistry-elisa/133074>