

Rabbit Protein Kinase B Beta (PKBb) Polyclonal Antibody | anti-PKBb antibody

Polyclonal Antibody to Protein Kinase B Beta (PKBb)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA133327	Rabbit	Human, Mouse, Rat	Western Blot, ELISA, Immunohistochemistry, Immunocytochemistry

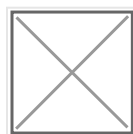
PRODUCT SYNONYMS

Protein Kinase B Beta (PKBb); Polyclonal Antibody; Polyclonal Antibody to Protein Kinase B Beta (PKBb); anti-PKBb antibody

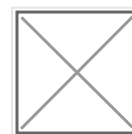
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	The antibody is a rabbit polyclonal antibody raised against PKBb. It has been selected for its ability to recognize PKBb 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 are listed below. MGSS HHHHHHSSGL VPRGSHMASM TGGQQMGRGS EF-KARAKVT MNDFDYLLKLL GKGTFGKVIL VREKATGRYY AMKILRKEVI IAKDEVAHTV TESRLQNTR HPFLTALKYA FQTHDRLCFV MEYANGGELF FHLSRERVFT EERARFYGAE IVSALEYLHS RDVVYRDIKL ENMLDKDGH IKITDFGLCK EGISDGATMK TFCGTPEYLA PEVLEDNDYG RAVDWWGLGV VMYEMMCGRLL PFYNQDHERL FELILMEEIR FPRTLSPKAK SLLAGLLKKD PKQRLGGGPS DAKEVMEHRF FLSI
Sequence Length	481
Applicable Applications for anti-PKBb antibody	WB (Western Blot), ELISA, IHC (Immunohistochemistry), ICC (Immunocytochemistry)
Immunogen	Recombinant PKBb (Lys142~Ile412) expressed in E.coli.
Cross Reactivity	Human, Rat
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.

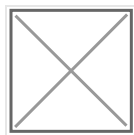
IMAGES



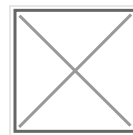
IHC (Immunohistochemistry)
DAB staining on IHC-P; Samples: Human Liver Tissue.



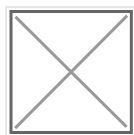
IHC (Immunohistochemistry)
DAB staining on IHC-P; Samples: Human Stomach Cancer Tissue

**IHC (Immunohistochemisry)**

DAB staining on IHC-P; Samples: Human Lung Cancer Tissue.

**WB (Western Blot)**

Western Blot: Sample: Recombinant PKBb, Human.

**WB (Western Blot)**

Western Blot: Sample: Lane1: Human K562 Cells; Lane2: Rat Thyroid Gland Tissue.

NCBI AND UNIPROT INFORMATION

NCBI GI #	1059842869
NCBI GeneID	208
NCBI Accession #	NP_001317440.1
NCBI GenBank Nucleotide #	NM_001330511.1
UniProt Accession #	P31751; Q05BV0; Q0VAN0; Q0VAN1; Q68GC0; B2RBD8
Molecular Weight	51,083 Da
NCBI Official Full Name	RAC-beta serine/threonine-protein kinase isoform 4
NCBI Official Synonym Full Names	AKT serine/threonine kinase 2
NCBI Official Symbol	AKT2
NCBI Official Synonym Symbols	PKBB; PRKBB; HIHGHH; PKBBETA; RAC-BETA
NCBI Protein Information	RAC-beta serine/threonine-protein kinase
UniProt Protein Name	RAC-beta serine/threonine-protein kinase
UniProt Gene Name	AKT2
UniProt Synonym Gene Names	PKB beta

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-beta-pkbb-antibody-western-blot-immunohistochemistry-immunocytochemistry-elisa/133327>