

Rabbit PRKCB Polyclonal Antibody | anti-PRKCB antibody

PRKCB Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA30564	Rabbit	Human, Mouse, Rat	Western Blot, Immunohistochemistry, Immunofluorescence

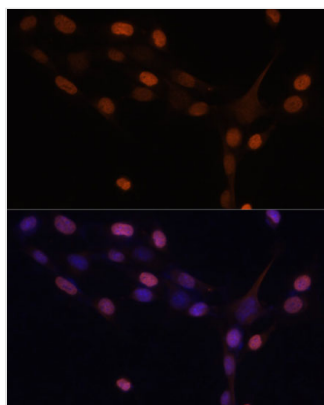
PRODUCT SYNONYMS

PRKCB; Polyclonal Antibody; PRKCB Polyclonal Antibody; PKC-beta; PKCB; PRKCB1; PRKCB2; anti-PRKCB antibody

PRODUCT SPECIFICATIONS

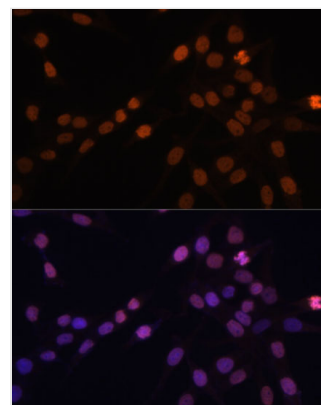
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH7.4, 150mM NaCl, 0.02% sodium azide and 64% glycerol. PBS with 0.02% sodium azide, 50% glycerol, pH7.17
Concentration	1mg/ml (varies by lot)
Applicable Applications for anti-PRKCB antibody	WB (Western Blot), IHC (Immunohistochemistry), IF (Immunofluorescence)
Application Notes	WB: 1:500-1:2000 IHC: 1:50-1:100 IF: 1:50-1:100
Immunogen	Recombinant fusion protein of human PRKCB (NP_002729.2)
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



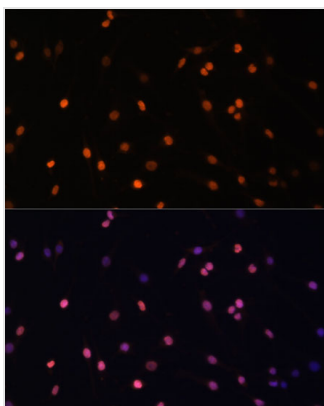
IF (Immunofluorescence)

Immunofluorescence analysis of NIH-3T3 cells using PRKCB Polyclonal Antibody at dilution of 1:100 . Blue: DAPI for nuclear staining.



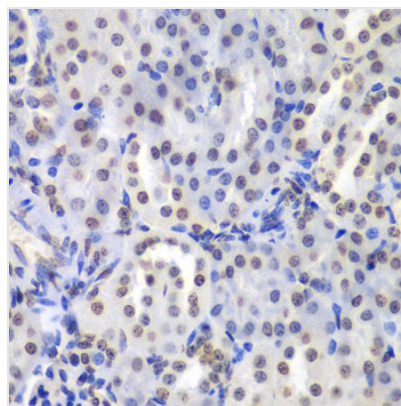
IF (Immunofluorescence)

Immunofluorescence analysis of HeLa cells using PRKCB Polyclonal Antibody at dilution of 1:100 . Blue: DAPI for nuclear staining.



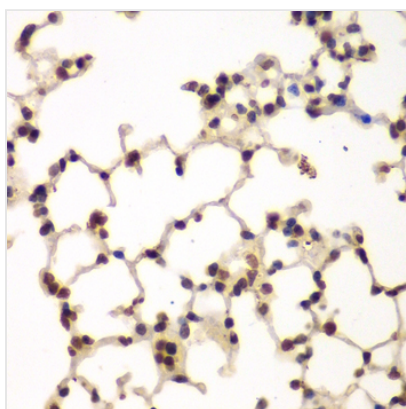
IF (Immunofluorescence)

Immunofluorescence analysis of C6 cells using PRKCB Polyclonal Antibody at dilution of 1:100 . Blue: DAPI for nuclear staining.



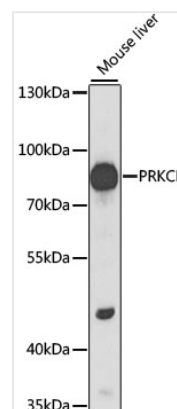
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded mouse kidney using PRKCB antibody at dilution of 1:200 .



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded mouse lung using PRKCB antibody at dilution of 1:200 .



WB (Western Blot)

Western blot analysis of extracts of mouse liver, using PRKCB antibody at 1:1000 dilution.

ADDITIONAL INFORMATION

Related Product Information for anti-PRKCB antibody

Protein kinase C (PKC) is a family of serine- and threonine-specific protein kinases that can be activated by calcium and second messenger diacylglycerol. PKC family members phosphorylate a wide variety of protein targets and are known to be involved in diverse cellular signaling pathways. PKC family members also serve as major receptors for phorbol esters, a class of tumor promoters. Each member of the PKC family has a specific expression profile and is believed to play a distinct role in cells. The protein encoded by this gene is one of the PKC family members. This protein kinase has been reported to be involved in many different cellular functions, such as B cell activation, apoptosis induction, endothelial cell proliferation, and intestinal sugar absorption. Studies in mice also suggest that this kinase may also regulate neuronal functions and correlate fear-induced conflict behavior after stress. Alternatively spliced transcript variants encoding distinct isoforms have been reported.

Product Categories/Family for anti-PRKCB antibody

Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	20127450
NCBI GeneID	5579
NCBI Accession #	NP_002729.2
NCBI GenBank Nucleotide #	NM_002738.6
UniProt Accession #	P05771; O43744; P05127; Q15138; Q93060; Q9UE49; Q9UE50; Q9UEH8; Q9UJ30; Q9UJ33; C5IFJ8; D3DWF5
Molecular Weight	76,869 Da

NCBI Official Full Name	protein kinase C beta type isoform 2
NCBI Official Synonym Full Names	protein kinase C, beta
NCBI Official Symbol	PRKCB
NCBI Official Synonym Symbols	PKCB; PRKCB1; PRKCB2; PKC-beta
NCBI Protein Information	protein kinase C beta type; PKC-B; protein kinase C, beta 1 polypeptide
UniProt Protein Name	Protein kinase C beta type
UniProt Gene Name	PRKCB
UniProt Synonym Gene Names	PKCB; PRKCB1; PKC-B; PKC-beta
UniProt Entry Name	KPCB_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/prkcb-antibody-western-blot-immunohistochemistry-immunofluorescence-elisa/30564>