

## Rabbit PRKCB Polyclonal Antibody | anti-PRKCB antibody

PRKCB Polyclonal Antibody

|                               |                       |                                        |                                           |
|-------------------------------|-----------------------|----------------------------------------|-------------------------------------------|
| CATALOG #<br><b>AAA177653</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human, Mouse, Rat</b> | APPLICATIONS<br><b>Immunofluorescence</b> |
|-------------------------------|-----------------------|----------------------------------------|-------------------------------------------|

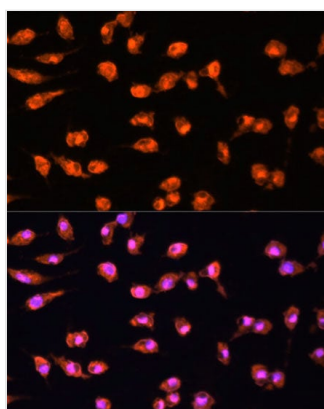
### PRODUCT SYNONYMS

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

### PRODUCT SPECIFICATIONS

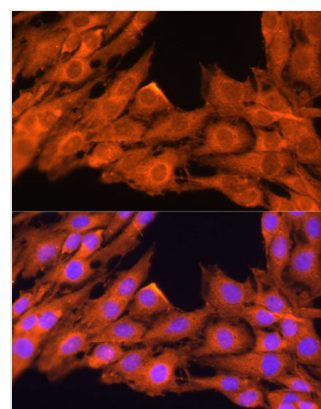
|                                                 |                                                        |
|-------------------------------------------------|--------------------------------------------------------|
| Host                                            | Rabbit                                                 |
| Reactivity                                      | Human, Mouse, Rat                                      |
| Clonality                                       | Polyclonal                                             |
| Isotype                                         | IgG                                                    |
| Purity/Purification                             | Affinity purification                                  |
| Form/Format                                     | PBS with 0.02% sodium azide, 50% glycerol, pH7.3       |
| Concentration                                   | 1mg/mL (varies by lot)                                 |
| Applicable Applications for anti-PRKCB antibody | IF (Immunofluorescence)                                |
| Immunogen                                       | Recombinant fusion protein of human PRKCB (NP_0027292) |
| Conjugation                                     | Unconjugated                                           |
| Preparation and Storage                         | Store at -20 degree C. Avoid freeze/thaw cycles.       |

### IMAGES



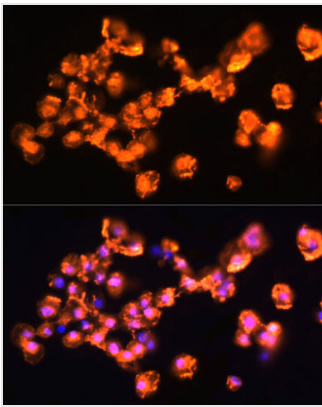
#### IF (Immunofluorescence)

Immunofluorescence analysis of L929 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.



#### IF (Immunofluorescence)

Immunofluorescence analysis of A431 cells using PRKCB Polyclonal Antibody at dilution of 1:100. Blue: DAPI for nuclear staining.

### 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   | Cancer; Signal Transduction; Polyclonal Antibody                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |

### 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                | <b>PRKCB</b>                                                                                   |
| 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-immunofluorescence-elisa/177653>