

# Rabbit anti-Human PRKACG Polyclonal Antibody | anti-PRKACG antibody

PRKACG Antibody

| CATALOG # | HOST   | REACTIVITY | APPLICATIONS                |
|-----------|--------|------------|-----------------------------|
| AAA232634 | Rabbit | Human      | Immunohistochemistry, ELISA |

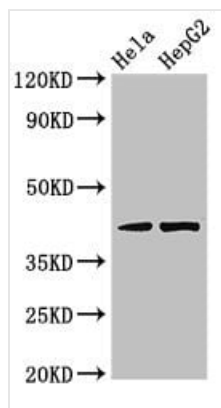
## PRODUCT SYNONYMS

PRKACG; Polyclonal Antibody; PRKACG Antibody; cAMP-dependent protein kinase catalytic subunit gamma; PKA C-gamma; anti-PRKACG antibody

## PRODUCT SPECIFICATIONS

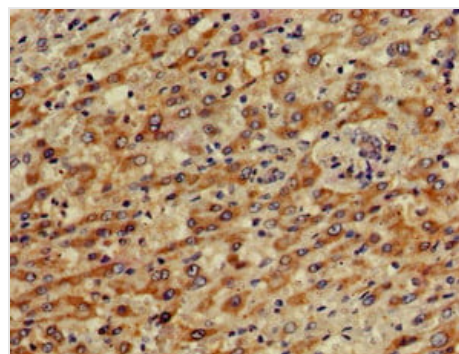
|                                                  |                                                                                                                |
|--------------------------------------------------|----------------------------------------------------------------------------------------------------------------|
| Host                                             | Rabbit                                                                                                         |
| Reactivity                                       | Human                                                                                                          |
| Clonality                                        | Polyclonal                                                                                                     |
| Isotype                                          | IgG                                                                                                            |
| Purity/Purification                              | >95%, Protein G purified                                                                                       |
| Form/Format                                      | Liquid                                                                                                         |
| Sequence Length                                  | 351                                                                                                            |
| Applicable Applications for anti-PRKACG antibody | IHC (Immunohistochemistry), ELISA                                                                              |
| Immunogen                                        | Recombinant Human cAMP-dependent protein kinase catalytic subunit gamma protein (1-43AA)                       |
| Preservative                                     | 0.03% Proclin 300                                                                                              |
| Constituents                                     | 50% Glycerol, 0.01M PBS, pH 7.4                                                                                |
| Conjugation                                      | Non-conjugated                                                                                                 |
| Santa Cruz Alternative                           | Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-30715 / sc-30716 / sc-905              |
| Preparation and Storage                          | Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze. |

## IMAGES



### WB (Western Blot)

Western BlotPositive WB detected in: HeLa whole cell lysate,HepG2 whole cell lysateAll lanes: PRKACG antibody at 3.2ug/mlSecondaryGoat polyclonal to rabbit IgG at 1/50000 dilutionPredicted band size: 41 KDaObserved band size: 41 KDa



### IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human liver cancer using AAA232634 at dilution of 1:100

ADDITIONAL INFORMATION

|                                                      |                                                                               |
|------------------------------------------------------|-------------------------------------------------------------------------------|
| Related Product Information for anti-PRKACG antibody | Phosphorylates a large number of substrates in the cytoplasm and the nucleus. |
|------------------------------------------------------|-------------------------------------------------------------------------------|

NCBI AND UNIPROT INFORMATION

|                                  |                                                       |
|----------------------------------|-------------------------------------------------------|
| NCBI GI #                        | 15619015                                              |
| NCBI GeneID                      | 5568                                                  |
| NCBI Accession #                 | NP_002723.2                                           |
| NCBI GenBank Nucleotide #        | NM_002732.3                                           |
| UniProt Accession #              | P22612; O60850; Q5VZ02; Q86YI1                        |
| Molecular Weight                 | 40,434 Da                                             |
| NCBI Official Full Name          | cAMP-dependent protein kinase catalytic subunit gamma |
| NCBI Official Synonym Full Names | protein kinase cAMP-activated catalytic subunit gamma |
| NCBI Official Symbol             | PRKACG                                                |
| NCBI Official Synonym Symbols    | KAPG; PKACg; BDPLT19                                  |
| NCBI Protein Information         | cAMP-dependent protein kinase catalytic subunit gamma |
| UniProt Protein Name             | cAMP-dependent protein kinase catalytic subunit gamma |
| UniProt Gene Name                | PRKACG                                                |
| UniProt Synonym Gene Names       | PKA C-gamma                                           |
| UniProt Entry Name               | KAPCG_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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