

PRKCA Monoclonal Antibody | anti-PRKCA antibody

PRKCA Monoclonal Antibody

CATALOG # AAA28235	REACTIVITY Human, Mouse, Rat	APPLICATIONS Western Blot, Immunohistochemistry, Immunofluorescence, Immunoprecipitation
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PRODUCT SYNONYMS

PRKCA; Monoclonal Antibody; PRKCA Monoclonal Antibody; AAG6; PKC-alpha; PKCA; PRKACA; anti-PRKCA antibody

PRODUCT SPECIFICATIONS

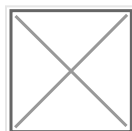
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Sequence Length	672
Applicable Applications for anti-PRKCA antibody	WB (Western Blot), IHC (Immunohistochemistry), IF (Immunofluorescence), IP (Immunoprecipitation)
Application Notes	WB: 1:500 - 1:2000 IHC: 1:50 - 1:200 IF: 1:50 - 1:200 IP: 1:20 - 1:50
Source	Rabbit
Immunogen	Recombinant protein of human PRKCA
Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



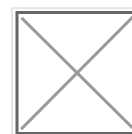
IF (Immunofluorescence)

Immunofluorescence analysis of MCF-7 cells using PRKCA antibody.



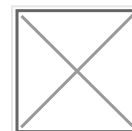
IF (Immunofluorescence)

Immunofluorescence analysis of A549 cells using PRKCA antibody.



IF (Immunofluorescence)

Immunofluorescence analysis of HeLa cells using PRKCA antibody.



IF (Immunofluorescence)

Immunofluorescence analysis of CRC cells using PRKCA antibody.

**IHC (Immunohistochemistry)**

Immunohistochemistry of paraffin-embedded mouse heart using PRKCA antibody at dilution of 1:100 (40x lens).

**IHC (Immunohistochemistry)**

Immunohistochemistry of paraffin-embedded mouse intestine using PRKCA antibody at dilution of 1:100 (40x lens).

ADDITIONAL INFORMATION

Related Product Information for anti-PRKCA antibody	Protein kinase C (PKC) is a family of serine- and threonine-specific protein kinases that can be activated by calcium and the 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 kinase has been reported to play roles in many different cellular processes, such as cell adhesion, cell transformation, cell cycle checkpoint, and cell volume control. Knockout studies in mice suggest that this kinase may be a fundamental regulator of cardiac contractility and Ca(2+) handling in myocytes.
Product Categories/Family for anti-PRKCA antibody	Primary antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	317373571
NCBI GeneID	5578
UniProt Accession #	P17252 ; Q15137 ; Q32M72 ; Q96RE4 ; B5BU22
Molecular Weight	77kDa
NCBI Official Full Name	Protein kinase C alpha type
NCBI Official Synonym Full Names	protein kinase C alpha
NCBI Official Symbol	PRKCA
NCBI Official Synonym Symbols	AAG6; PKCA; PRKACA; PKC-alpha
NCBI Protein Information	protein kinase C alpha type
UniProt Protein Name	Protein kinase C alpha type
UniProt Gene Name	PRKCA
UniProt Synonym Gene Names	PKCA; PRKACA; PKC-A; PKC-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/monoclonal/prkca-antibody-western-blot-immunohistochemistry-immunofluorescence-immunoprecipitation-elisa/28235>