

Rabbit PKC Alpha Polyclonal Antibody | anti-PKCA antibody

PKC Alpha Antibody

CATALOG # AAA225531	HOST Rabbit	APPLICATIONS Western Blot, Immunohistochemistry
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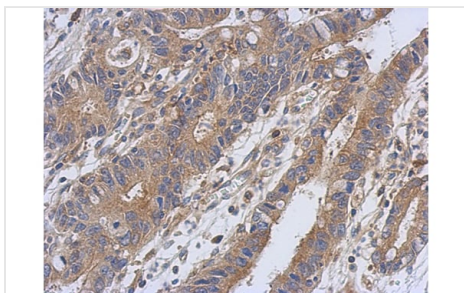
PRODUCT SYNONYMS

PKC Alpha; Polyclonal Antibody; PKC Alpha Antibody; Affinity Purified Rabbit Polyclonal PKC alpha Antibody; Polyclonal PKC alpha antibody; Anti-PKC alpha antibody; PRKCA antibody; PKCA antibody; MGC129901 antibody; aging-associated gene 6 antibody; protein kinase C alpha type antibody; AAG6 antibody; PKC-alpha antibody; PKC-A antibody; PRKACA antibody; MGC129900 antibody; anti-PKCA antibody

PRODUCT SPECIFICATIONS

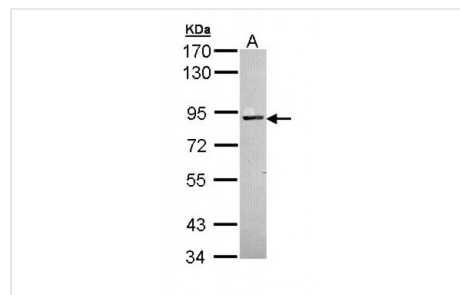
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen-Affinity Chromatography
Form/Format	Supplied as a concentrated solution containing 0.1M Tris, 0.1M Glycine, 10% Glycerol (pH 7.0). 0.01% Thimerosal was added as a preservative.
Concentration	0.69 mg/ml (varies by lot)
Sequence Length	672
Applicable Applications for anti-PKCA antibody	WB (Western Blot), IHC (Immunohistochemistry)
Cross-Reactivity	Human, Mouse
Preparation and Storage	Store at 4 degree C for short term storage. Aliquot and store at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.

IMAGES



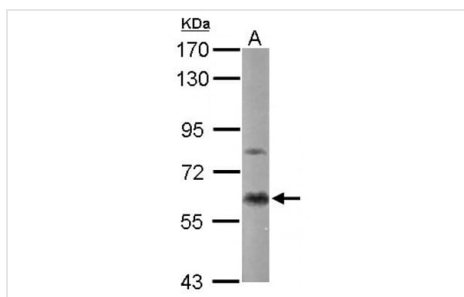
IHC (Immunohistochemistry)

Immunohistochemical staining of paraffin-embedded Colon ca using PKC alpha antibody at a dilution of 1:500



WB (Western Blot)

Western blot analysis of 30 ug of whole cell lysate (A: H1299) using a 7.5% SDS PAGE gel and PKC alpha antibody at a dilution of 1:1000



WB (Western Blot)

Western blot analysis of 50 ug of whole cell lysate (A: Mouse brain) using a 7.5% SDS PAGE gel and PKC alpha antibody at a dilution of 1:1000

ADDITIONAL INFORMATION

Related Product Information for anti-PKCA antibody	Protein kinase C 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 handling in myocytes.
Product Categories/Family for anti-PKCA antibody	Proteases ; Inhibitors ; & Enzymes

NCBI AND UNIPROT INFORMATION

NCBI GI #	27806089
NCBI GeneID	282001
NCBI GenBank Nucleotide #	NP_776860.1
UniProt Accession #	P04409
Molecular Weight	77 kDa
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	PKRCA
NCBI Protein Information	protein kinase C alpha type
UniProt Protein Name	Protein kinase C alpha type
UniProt Gene Name	PRKCA
UniProt Synonym Gene Names	PKC-A; PKC-alpha
UniProt Entry Name	KPCA_BOVIN

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/pkc-alpha-antibody-western-blot-immunohistochemistry-elisa/225531>