

Rabbit anti-Human, Mouse PKC-alpha Polyclonal Antibody | anti-PKC-alpha antibody

Rabbit anti-PKC-alpha Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA211878	Rabbit	Human, Mouse	Immunohistochemistry, Immunoprecipitation, Western Blot

PRODUCT SYNONYMS

PKC-alpha; Polyclonal Antibody; Rabbit anti-PKC-alpha Antibody; Affinity Purified; PKCalpha; protein kinase C alpha type; PRKACA; PKC-A; PKCA; aging-associated gene 6; AAG6; PKCI+/-; Protein kinase C alpha type; protein kinase C alpha; anti-PKC-alpha antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-buffered Saline containing 0.1% BSA and 0.09% Sodium Azide
Concentration	200ug/ml (varies by lot)
Applicable Applications for anti-PKC-alpha antibody	IHC (Immunohistochemistry), IP (Immunoprecipitation), WB (Western Blot)
Predicted Reactivity	Rat, Bovine
Immunogen	Between 622 and C-terminus
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



WB (Western Blot)

Detection of human and mouse PKC-alpha by western blot (h & m) and immunoprecipitation (h). Samples: Whole cell lysate from HeLa (5, 15 and 50 ug for WB; 1 mg for IP, 20% of IP loaded), HEK293T (T; 50 ug), and mouse NIH 3T3 (M; 50 ug) cells. Antibodies: Affinity purified rabbit anti-PKC-alpha antibody AAA211878 used for WB at 0.04 ug/ml (A) and 1 ug/ml (B) and used for IP at 3 ug/mg lysate. PKC-alpha was also immunoprecipitated by rabbit anti-PKC-alpha antibody which recognizes an upstream epitope. Detection: Chemiluminescence with exposure times of 10 seconds (A) and 3 seconds (B).



IHC (Immunohistochemistry)

Detection of mouse PKC-alpha by immunohistochemistry. Sample: FFPE section of mouse retina. Antibody: Affinity purified rabbit anti-PKC-alpha (Cat. No. AAA211878 Lot1) used at a dilution of 1:100 (2ug/ml). Detection: Red-fluorescent goat anti-rabbit IgG-heavy and light chain cross-adsorbed Antibody DyLight 594 Conjugated used at a dilution of 1:100. Counterstain: DAPI (blue)

ADDITIONAL INFORMATION

Related Product Information for anti-PKC-alpha antibody	Protein kinase C alpha (PKC-alpha) is a member of the PKC family of serine-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. PKC-alpha has been reported to play roles in many different cellular processes, such as cell adhesion, cell transformation, cell cycle checkpoint, and cell volume control [taken from NCBI Entrez Gene (GeneID: 5578)].
Product Categories/Family for anti-PKC-alpha antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GeneID	5578
UniProt Accession #	P17252
UniProt Protein Name	Protein kinase C alpha type
UniProt Gene Name	PRKCA
UniProt Synonym Gene Names	PKCA; PRKACA; PKC-A; PKC-alpha
UniProt Entry Name	KPCA_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/pkc-alpha-antibody-immunohistochemistry-immunoprecipitation-western-blot-elisa/211878>