

Rabbit anti-Human PKC delta/PRKCD Polyclonal Antibody | anti-PRKCD antibody

Anti-PKC delta/PRKCD Antibody, Rabbit Polyclonal

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA254442	Rabbit	Human	Immunofluorescence, Immunocytochemistry, Immunohistochemistry

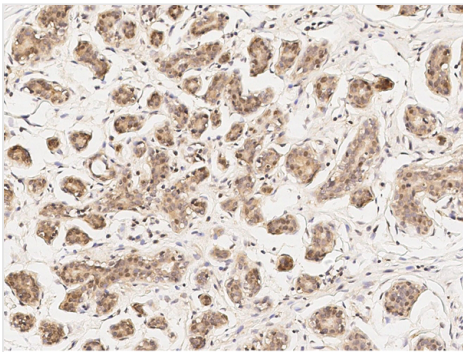
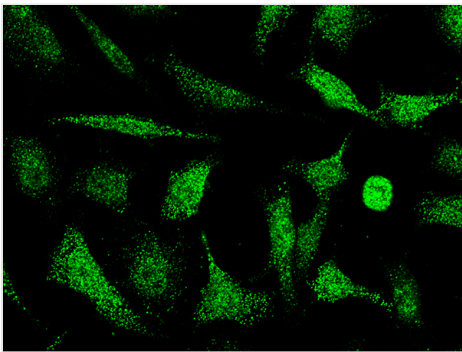
PRODUCT SYNONYMS

PKC delta/PRKCD; Polyclonal Antibody; Anti-PKC delta/PRKCD Antibody; Rabbit Polyclonal; PRKCD Antibody; Rabbit PAb; Antigen Affinity Purified; protein kinase C; delta; Anti-42125 Antibody; Anti-ALPS3 Antibody; Anti-CVID9 Antibody; Anti-nPKC-delta Antibody; Anti-PKC Antibody; anti-PRKCD antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human PRKCD
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; 0.2um filtered solution in PBS
Applicable Applications for anti-PRKCD antibody	IF (Immunofluorescence), ICC (Immunocytochemistry), IHC (Immunohistochemistry)
Immunogen	A synthetic peptide corresponding to the C-terminus of the Human PRKCD
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with a synthetic peptide corresponding to the C-terminus of the Human PRKCD, and purified by antigen affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Preservative-Free. Avoid repeated freeze-thaw cycles.

IMAGES



IF (Immunofluorescence)
Immunofluorescence staining of PRKCD in HeLa cells. Cells were fixed with 4% PFA, permeabilized with 0.3% Triton X-100 in PBS, blocked with 10% serum, and incubated with rabbit anti-human PRKCD polyclonal antibody (1:1000) at 4 degree C overnight. Then cells were stained with the Alexa Fluor488-conjugated Goat Anti-rabbit IgG secondary antibody (green). Positive staining was localized to cytoplasm and nucleus.

IHC (Immunohistochemistry)
Immunochemical staining of human PRKCD in human breast carcinoma with rabbit polyclonal antibody (1:1000, formalin-fixed paraffin embedded sections).

ADDITIONAL INFORMATION

Related Product Information for anti-PRKCD antibody	PRKCD, a novel member of the pkc gene family, maps to human chromosome 3. Protein kinase C (PKC) delta (PRKCD) is a member of the novel PKC subfamily that regulates gene expression in bovine trophoblast cells. Protein kinase Cdelta (PRKCD) initiates this process by phosphorylating FBXO25 and HAX-1, thereby spatially directing nuclear FBXO25 to mitochondrial HAX-1. PRKCD may suppress macroautophagy/autophagy, a cytoprotective mechanism, to promote kidney tubule cell death during cisplatin treatment. Interestingly, PRKCD may do so by phosphorylating AKT, which further phosphorylates MTOR to repress ULK1.
Product Categories/Family for anti-PRKCD antibody	EGFR Signaling Pathway
References	Cross T, et al. (2000) PKC-delta is an apoptotic lamin kinase. Oncogene. 19(19): 2331-7. Song JS, et al. (1998) Tyrosine phosphorylation-dependent and -independent associations of protein kinase C-delta with Src family kinases in the RBL-2H3 mast cell line: regulation of Src family kinase activity by protein kinase C-delta. Oncogene. 16(26): 3357-68. Shanmugam M, et al. (1998) Association of PKC delta and active Src in PMA-treated MCF-7 human breast cancer cells. Oncogene. 16(13): 1649-54.

NCBI AND UNIPROT INFORMATION

NCBI GI #	31377782
NCBI GeneID	5580
NCBI Accession #	NP_006245.2
NCBI GenBank Nucleotide #	NM_006254.3
UniProt Accession #	Q05655; Q15144; Q86XJ6; B0KZ81; B2R834
Molecular Weight	77,505 Da
NCBI Official Full Name	protein kinase C delta type
NCBI Official Synonym Full Names	protein kinase C, delta
NCBI Official Symbol	PRKCD
NCBI Official Synonym Symbols	MAY1; PKCD; nPKC-delta
NCBI Protein Information	protein kinase C delta type; protein kinase C delta VIII; tyrosine-protein kinase PRKCD
UniProt Protein Name	Protein kinase C delta type
UniProt Gene Name	PRKCD

UniProt Synonym Gene Names	SDK1
UniProt Entry Name	KPCD_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/pkc-delta-prkcd-antibody-immunofluorescence-immunocytochemistry-immunohistochemistry-elisa/254442>