

Rabbit PKCdelta Polyclonal Antibody | anti-PKCdelta antibody

PKCdelta (Phospho-Ser645) Antibody

CATALOG # AAA307444	HOST Rabbit	APPLICATIONS Immunohistochemistry, Western Blot
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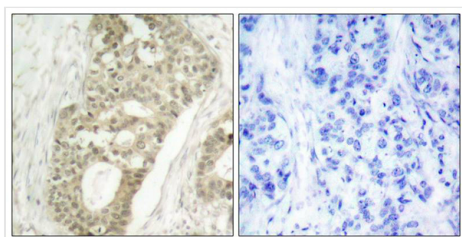
PRODUCT SYNONYMS

PKCdelta; Polyclonal Antibody; PKCdelta (Phospho-Ser645) Antibody; PKCd (Phospho-Ser645) Antibody; KPCD; PKC-delta; PRKCD; kinase PKC-delta; nPKC-delta; anti-PKCdelta antibody

PRODUCT SPECIFICATIONS

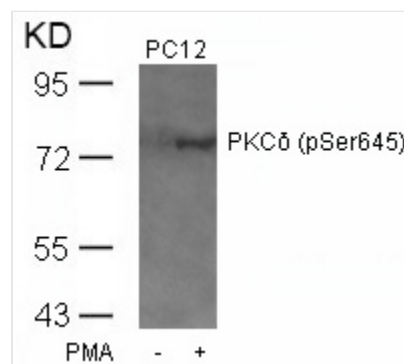
Host	Rabbit
Clonality	Polyclonal
Specificity	The antibody detects endogenous level of PKCd only when phosphorylated at serine 645.
Purity/Purification	Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatography usi
Form/Format	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	676
Applicable Applications for anti-PKCdelta antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Peptide-KLH
Immunogen Description	Peptide sequence around phosphorylation site of serine 645 (R-L-S(p)-Y-S) derived from Human PKCd.
Modification	Phospho-Ser645
Target Name	PKCd
Preparation and Storage	Store at -20 degree C for long term preservation (recommended). Store at 4 degree C for short term use.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using PKCd(Phospho-Ser645) Antibody (left) or the same antibody preincubated with blocking peptide(right).



WB (Western Blot)

Western blot analysis of extracts from PC12 cells untreated or treated with PMA using PKCd(Phospho-Ser645) Antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-PKCdelta antibody	This is calcium-independent, phospholipid-dependent, serine- and threonine-specific enzyme. PKC is activated by diacylglycerol which in turn phosphorylates a range of cellular proteins. PKC also serves as the receptor for phorbol esters, a class of tumor promoters. May play a role in antigen-dependent control of B-cell function. Phosphorylates MUC1 in the C-terminal and regulates the interaction between MUC1 and beta-catenin.
Product Categories/Family for anti-PKCdelta antibody	Phospho-specific Ab

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	80,953 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; ALPS3; CVID9; nPKC-delta
NCBI Protein Information	protein kinase C delta type
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://www.aaabiotech.com/polyclonal/pkcdelta-antibody-immunohistochemistry-western-blot-elisa/307444>