

PKC delta Antibody | anti-PKC delta antibody

PKC delta (Phospho-Ser645) Antibody

CATALOG # AAA110004	REACTIVITY Human, Mouse, Rat	APPLICATIONS ELISA, Immunohistochemistry, Western Blot
-------------------------------	--	--

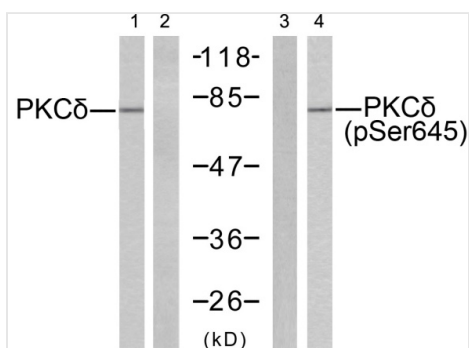
PRODUCT SYNONYMS

PKC delta; PKC delta (Phospho-Ser645) Antibody; PRKCD; Protein kinase C delta type; anti-PKC delta antibody

PRODUCT SPECIFICATIONS

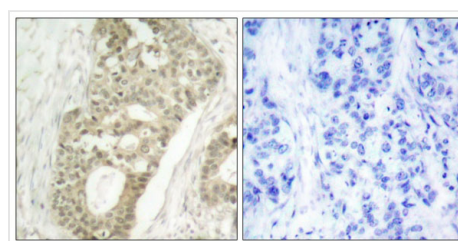
Reactivity	Human, Mouse, Rat
Specificity	PKCdelta (phospho-Ser645) antibody detects endogenous levels of PKCdelta only when phosphorylated at serine 645.
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site.
Form/Format	In phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Sequence Length	676
Applicable Applications for anti-PKC delta antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	The antiserum was produced against synthesized phosphopeptide derived from human PKCdelta around the phosphorylation site of serine 645 (R-L-SP-Y-S).
All Sites	Human: Ser645 Mouse: Ser643 Rat: Ser643
Preparation and Storage	Store at -20 degree C for 1 year

IMAGES



WB (Western Blot)

Western blot analysis of extracts from MCF7 cells, using PKCdelta (Ab-645) antibody (Line 1 and 2) and PKCdelta (phospho-Ser645) antibody (Line 3 and 4).



IHC (Immunohistochemistry)

P-Peptide+ Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using PKCdelta (phospho-Ser645) antibody.

ADDITIONAL INFORMATION

Product Categories/Family for anti-PKC delta antibody	Autophagy antibody; Cancer; Cardiovascular; Cell Biology; Epigenetics & Nuclear Signaling; Developmental Biologys; Immunology; Drug Discovery Products; Metabolism; Neuroscience; Signal Transduction; Stem Cells
References	Kei Sakamoto, et, al. (2003) Am J Physiol Endocrinol Metab; 285: E1081-E1088. Ling Zhang, et, al. (2004) J. Biol. Chem; 279: 28315-28319. Kristof Van Kolen et, al. (2006) FEBS J; 273: 1843-1854. Martin Villalba, et, al. (2002) J. Cell Biol; 157: 253.

NCBI AND UNIPROT INFORMATION

NCBI GI #	938403365
NCBI GeneID	5580
NCBI Accession #	NP_001303256.1
NCBI GenBank Nucleotide #	NM_001316327.1
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

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.