

PKC delta Antibody | anti-PKC delta antibody

PKC delta (Phospho-Tyr313) Antibody

CATALOG # AAA110253	REACTIVITY Human, Mouse, Rat	APPLICATIONS ELISA, Immunohistochemistry, Western Blot
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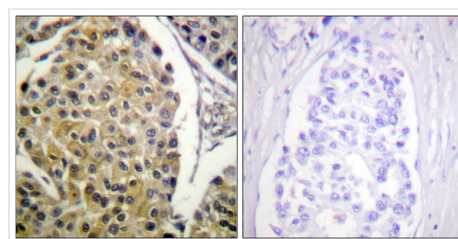
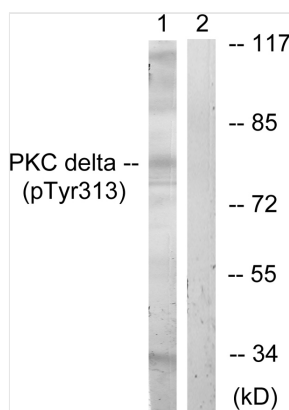
PRODUCT SYNONYMS

PKC delta; PKC delta (Phospho-Tyr313) Antibody; EC 2.7.11.13; KPCD; PKC-delta; PRKCD; kinase PKC-delta; nPKC-delta; anti-PKC delta antibody

PRODUCT SPECIFICATIONS

Reactivity	Human, Mouse, Rat
Specificity	PKC delta (Phospho-Tyr313) antibody detects endogenous levels of PKC delta only when phosphorylated at tyrosine 313.
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 PKC delta around the phosphorylation site of tyrosine 313 (G-I-YP-Q-G).
All Sites	Human: Tyr313 Mouse: Tyr311 Rat: Tyr311
Preparation and Storage	Store at -20 degree C for 1 year.

IMAGES



Application Data
P-peptide-+

IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded human breast carcinoma tissue using PKC delta (Phospho-Tyr313) antibody. Western blot analysis of extracts from HuvEc cells, treated with TNF-a (20ng/ml, 30mins), using PKC delta (Phospho-Tyr313) 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	Aris J.P., Biochim. Biophys. Acta 1174:171-181(1993). Beausoleil S.A., Proc. Natl. Acad. Sci. U.S.A. 101:12130-12135(2004). Benes C.H., Cell 121:271-280(2005).

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.

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Online datasheet: <https://stage.aaabiotech.com/human-mouse-rat-antibody/pkc-delta/110253>