

PKD1/PKC Antibody | anti-PKD1/PKC antibody

PKD1/PKC mu (Phospho-Tyr463) Antibody

CATALOG # AAA111472	REACTIVITY Human, Mouse, Rat	APPLICATIONS ELISA, Immunohistochemistry, Western Blot
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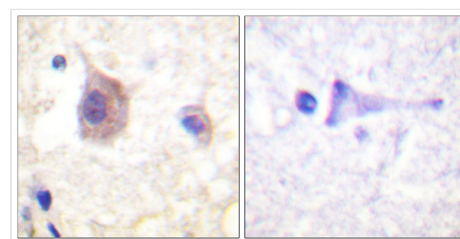
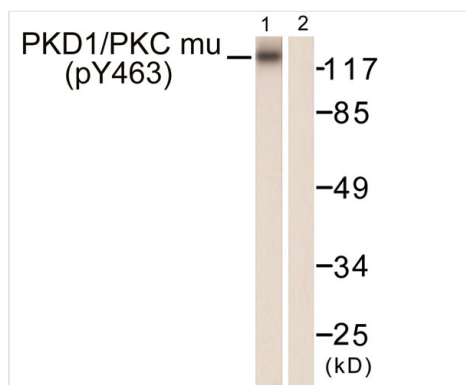
PRODUCT SYNONYMS

PKD1/PKC; PKD1/PKC mu (Phospho-Tyr463) Antibody; EC 2.7.11.13; KPCD1; PKC-mu; PKCM; PKD; PRKCM; PRKD1; Protein kinase C; mu type; Protein kinase D; kinase PKD1; nPKC-mu; anti-PKD1/PKC antibody

PRODUCT SPECIFICATIONS

Reactivity	Human, Mouse, Rat
Specificity	PKD1/PKC mu (Phospho-Tyr463) antibody detects endogenous levels of PKD1/PKC mu only when phosphorylated at tyrosine 463.
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	912
Applicable Applications for anti-PKD1/PKC antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	The antiserum was produced against synthesized phosphopeptide derived from human PKD1/PKC mu around the phosphorylation site of tyrosine 463 (R-Y-YP-K-E).
All Sites	Human: Tyr463 Mouse: Tyr469 Rat: Tyr200
Preparation and Storage	Store at -20 degree C for 1 year.

IMAGES



Application Data
P-peptide-+

IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded human brain tissue using PKD1/PKC mu (Phospho-Tyr463) antibody. Western blot analysis of extracts from HepG2 cells, using PKD1/PKC mu (Phospho-Tyr463) antibody.

ADDITIONAL INFORMATION

Product Categories/Family for anti-PKD1/PKC antibody	Autophagy antibody; Cancer; Cardiovascular; Cell Biology; Epigenetics & Nuclear Signaling; Developmental Biologys; Immunology; Drug Discovery Products; Metabolism; Neuroscience; Signal Transduction; Stem Cells
References	Lynn Pritchard, Hum. Mol. Genet., Nov 2000; 9: 2617-2627. Klaus B. Piontek, J. Am. Soc. Nephrol., Dec 2004; 15: 3035-3043. Saori Nishio, J. Clin. Invest., Apr 2005; 115: 910-918. Guanqing Wu, Hum. Mol. Genet., Aug 2002; 11: 1845-1854.

NCBI AND UNIPROT INFORMATION

NCBI GI #	115529463
NCBI GeneID	5587
NCBI Accession #	NP_002733.2
NCBI GenBank Nucleotide #	NM_002742.2
UniProt Accession #	Q15139; A6NL64; B2RAF6
Molecular Weight	101,704 Da
NCBI Official Full Name	serine/threonine-protein kinase D1 isoform 2
NCBI Official Synonym Full Names	protein kinase D1
NCBI Official Symbol	PRKD1
NCBI Official Synonym Symbols	PKD; PKCM; CHDED; PRKCM; PKC-MU
NCBI Protein Information	serine/threonine-protein kinase D1
UniProt Protein Name	Serine/threonine-protein kinase D1
UniProt Gene Name	PRKD1
UniProt Synonym Gene Names	PKD; PKD1; PRKCM

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/pkd1-pkc/111472>