

Rabbit PKD/PKC α Polyclonal Antibody | anti-PKD/PKC α antibody

PKD/PKC α (Ab-738) Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA29691	Rabbit	Human, Mouse, Rat	Western Blot, Immunofluorescence

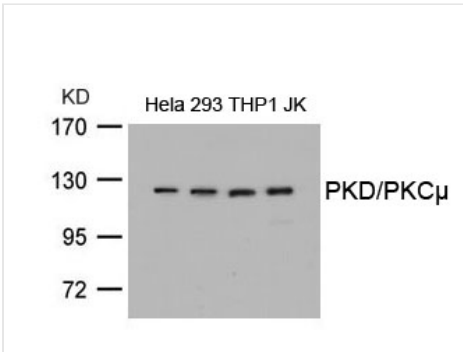
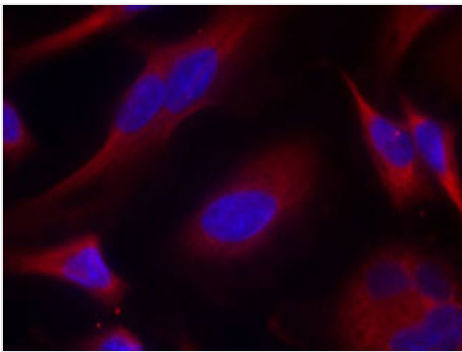
PRODUCT SYNONYMS

PKD/PKC α ; Polyclonal Antibody; PKD/PKC α (Ab-738) Antibody; nPKC-D1; Protein kinase D; Protein kinase C mu type; nPKC-mu; anti-PKD/PKC α antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	The antibody detects endogenous level of total PKD/PKC α protein.
Purity/Purification	Antibodies were produced by immunizing rabbits with synthetic peptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific peptide.
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	912
Applicable Applications for anti-PKD/PKC α antibody	WB (Western Blot), IF (Immunofluorescence)
Application Notes	Western blotting: 1:500~1:1000 Immunofluorescence: 1:100~1:200
Immunogen Type	Peptide-KLH
Immunogen Description	Peptide sequence around aa. 736~740 (E-K-S-F-R) derived from Human PKD/PKC α .
Target Name	PKD/PKC α
Preparation and Storage	Store at -20°C for long term preservation (recommended). Store at 4°C for short term use.

IMAGES



IF (Immunofluorescence)
Immunofluorescence staining of methanol-fixed HeLa cells using PKD/PKCμ(Ab-738) Antibody (AAA29691).

WB (Western Blot)
Western blot analysis of extracts from HeLa, 293, THP1 and JK cells using PKD/PKCμ(Ab-738) Antibody (AAA29691).

ADDITIONAL INFORMATION

Related Product Information for anti-PKD/PKCμ antibody	Converts transient diacylglycerol. (DAG) signals into prolonged physiological effects, downstream of PKC. Involved in resistance to oxidative stress through activation of NF-kappa-B.
Product Categories/Family for anti-PKD/PKCμ antibody	Total protein Ab

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	Predicted MW: 115kd
NCBI Official Full Name	serine/threonine-protein kinase D1
NCBI Official Synonym Full Names	protein kinase D1
NCBI Official Symbol	PRKD1
NCBI Official Synonym Symbols	PKD; PKCM; 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
UniProt Entry Name	KPCD1_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.