

Rabbit PKD mu Polyclonal Antibody | anti-PKD mu antibody

PKD mu antibody

CATALOG # AAA107882	HOST Rabbit	APPLICATIONS Western Blot, Immunofluorescence
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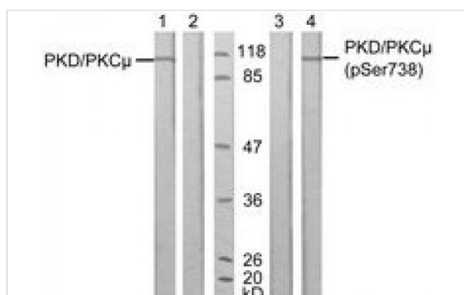
PRODUCT SYNONYMS

PKD mu; Polyclonal Antibody; PKD mu antibody; Polyclonal PKD mu; Anti-PKD mu; Phospho Ser738; anti-PKD mu antibody

PRODUCT SPECIFICATIONS

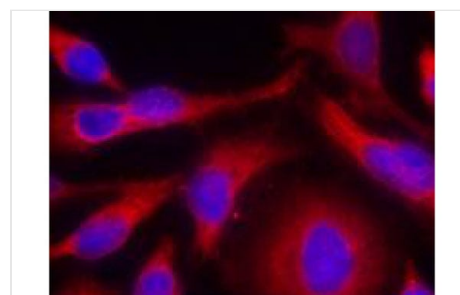
Host	Rabbit
Clonality	Polyclonal
Purity/Purification	PKD mu antibody was purified by immunoaffinity chromatography.
Form/Format	Supplied in liquid form in PBS buffer (no MG2+ or Ca2+), pH 7.4, 150 mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1 mg/ml (varies by lot)
Sequence Length	912
Applicable Applications for anti-PKD mu antibody	WB (Western Blot), IF (Immunofluorescence)
Biological Significance	Activation of PKC is one of the earliest events in a cascade leading to a variety of cellular responses such as secretion, gene expression, proliferation and muscle contraction. Protein kinase D (PKD), also called PKC
Cross-Reactivity	Human, Mouse, Rat
Immunogen	PKD mu antibody was raised in Rabbit using the peptide sequence around phosphorylation site of serine 738 (E-K-S(p)-F-R) derived from Human PKD/PKCmu as the immunogen.
Preparation and Storage	Store at 4 degree C for short term storage. Aliquot and store at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.

IMAGES



WB (Western Blot)

Western Blot analysis of extracts from MCF cells untreated or treated with PMA using PKD/PKCμ (Phospho-Ser738) antibody



IF (Immunofluorescence)

Immunofluorescence staining of methanol-fixed HeLa cells using PKD/PKCμ (Phospho-Ser738) antibody

ADDITIONAL INFORMATION

Related Product Information for anti-PKD mu antibody	Rabbit polyclonal PKD mu antibody
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NCBI AND UNIPROT INFORMATION

NCBI GI #	438373
NCBI GeneID	5587
UniProt Accession #	Q15139; A6NL64; B2RAF6
Molecular Weight	101,704 Da
NCBI Official Full Name	protein kinase C mu
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.