

PKD/PKCmu Polyclonal Antibody | anti-PKD/PKCmu antibody

PKD/PKCmu (phospho-Ser738)

CATALOG #
AAA47850

APPLICATIONS
Immunohistochemistry, Immunoblot, Western Blot

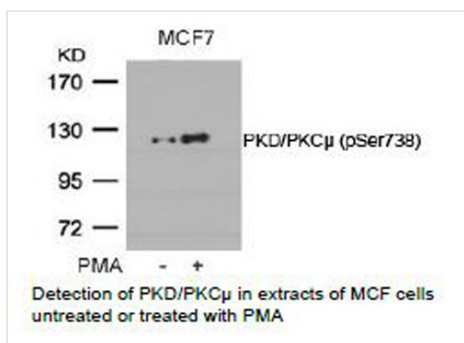
PRODUCT SYNONYMS

PKD/PKCmu; Polyclonal Antibody; PKD/PKCmu (phospho-Ser738); anti-PKD/PKCmu antibody

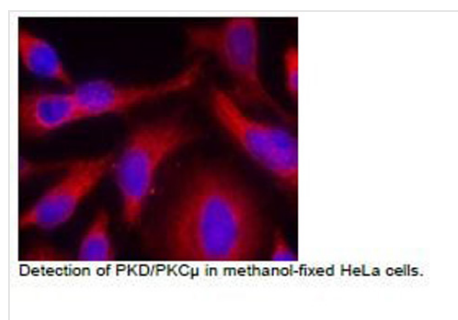
PRODUCT SPECIFICATIONS

Clonality	Polyclonal
Specificity	This antibody detects endogenous human, mouse, and rat PKD/PKCmu only when phosphorylated at serine 738.
Form/Format	100ul at 1.0mg/ml in PBS (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Affinity-purified on phosphopeptide; non-phosphopeptide- reactive antibodies were removed by chromatography on non-phosphorylated peptide.
Sequence Length	912
Applicable Applications for anti-PKD/PKCmu antibody	IHC (Immunohistochemistry), IB (Immunoblot)
Antigen	Peptide sequence that includes phosphorylation site of serine 738 (E-K-S(p)-F-R) derived from human PKD/PCKmu and conjugated to KLH.
Preparation and Storage	This antibody is stable for at least one (1) year at -20 degree C. Can be stored at 4 degree C for short-term.

IMAGES



IF (Immunofluorescence)



Detection of PKD/PKCμ in methanol-fixed HeLa cells.

Application Data

ADDITIONAL INFORMATION

Related Product Information for anti-PKD/PKCmu antibody

Protein kinase C (PKC), a family of lipid-activated serine kinases, is involved in multiple functions in the regulation of growth control. The PKC-related isoform PKC mu/PKD has been implicated in mitogenic signal cascades because of the activation of p42/p44 MAPK leading to Elk1-mediated gene transcription, and PKC mu/PKD has been shown to be activated via a PKC-dependent pathway.

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/polyclonal/pkd-pkcmu-antibody-immunohistochemistry-immunoblot-elisa/47850>