

兔抗 PRKD1/2/3(Phospho-Ser738/742) 多克隆抗体

中文名称：兔抗 PRKD1/2/3(Phospho-Ser738/742) 多克隆抗体

英文名称：Anti-PRKD1/2/3(Phospho-Ser738/742) rabbit polyclonal antibody

别名：PKD; PKCM; PRKCM; PKC-MU

相关类别：一抗

储存：冷冻（-20℃）避光

宿主：Rabbit

抗原：PRKD1/2/3(Phospho-Ser738/742)

反应种属：Human Mouse Rat

标记物：Unconjugate

克隆类型：Unconjugate

技术规格

Background:

Serine/threonine-protein kinase that converts transient diacylglycerol (DAG) signals into prolonged physiological effects downstream of PKC, and is involved in the regulation of MAPK8/JNK1 and Ras signaling, Golgi membrane integrity and trafficking, cell survival through NF-kappa-B activation, cell migration, cell differentiation by mediating HDAC7 nuclear export, cell proliferation via MAPK1/3 (ERK1/2) signaling, and plays a role in cardiac hypertrophy, VEGFA-induced angiogenesis, genotoxic-induced apoptosis and flagellin-stimulated inflammatory response. Phosphorylates the epidermal

	<p>growth factor receptor (EGFR) on dual threonine residues, which leads to the suppression of epidermal growth factor (EGF)-induced MAPK8/JNK1 activation and subsequent JUN phosphorylation. Phosphorylates RIN1, inducing RIN1 binding to 14-3-3 proteins YWHAB, YWHAE and YWHAZ and increased competition with RAF1 for binding to GTP-bound form of Ras proteins (NRAS, HRAS and KRAS). Acts downstream of the heterotrimeric G-protein beta/gamma-subunit complex to maintain the structural integrity of the Golgi membranes, and is required for protein transport along the secretory pathway. In the trans-Golgi network (TGN), regulates the fission of transport vesicles that are on their way to the plasma membrane.</p>
Applications:	WB
Name of antibody:	PRKD1/2/3(Phospho-Ser738/742)
Immunogen:	Peptide sequence around phosphorylation site of Serine738/Serine 742 (E-K-S(p)-F-R-R-S(p)-V-V) derived from Human PKD1/2/3/PKC μ .
Full name:	protein kinase D1/2/3
Synonyms :	PKD; PKCM; PRKCM; PKC-MU
SwissProt:	Q15139
WB Predicted band size:	102 kDa
WB Positive control:	A549 cells lysates with PMA
WB Recommended dilution:	500-1000

