

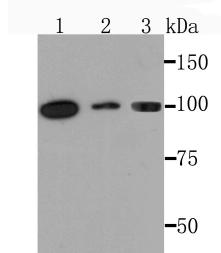
Anti-PKC mu Antibody (5E735)

Product Details

Ig Type:	IgG
Reactivity:	Human,Mouse,Rat
Conjugation:	Unconjugated
Molecular Weight:	Theoretical: 102 kDa.
Clone:	5E735
Purification:	ProA affinity purified

Applications

Verified Activity: 1. Western blot analysis of PKC mu on different cell lysate using anti-PKC mu antibody at 1/1,000 dilution. Positive control: Lane1: Hela, Lane2: Mouse kidney, Lane3: PC12.



Application:	WB
Recommended	WB: 1:500-2000

Properties

Stability & Storage: Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping: Shipping with blue ice.

Antigen Details

Immunogen:	Recombinant Protein
Uniprot ID:	Q15139
Synonyms:	nPKC-D1;Prkd1;PKD 1;nPKC-mu;nPKCmu;PRKCM;Protein kinase C mu type;PKC MU;KPCD1_HUMAN;nPKC mu;nPKC D1;Protein kinase C mu;PKCM;PKD1;PKD;PKC;Serine/threonine protein kinase D1;PRKD 1;Protein kinase D;PKCmu;Serine/threonine-protein kinase D1;Protein kinase D1;nPKCD1

Research Background

Converts transient diacylglycerol (DAG) signals into prolonged physiological effects, downstream of PKC. In epithelial cells, is required for transducing flagellin-stimulated inflammatory responses by binding and phosphorylating TLR5, which contributes to MAPK14/p38 activation and production of inflammatory cytokines. May play a role in inflammatory response by mediating activation of NF-kappa-B. May be involved in pain transmission by directly modulating TRPV1 receptor. Plays a role in activated KRAS-mediated stabilization of ZNF304 in colorectal cancer (CRC) cells. Regulates nuclear translocation of transcription factor TFEB in macrophages upon live *S. enterica*

infection.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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