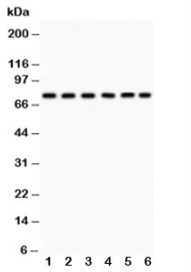
PKC delta Antibody (R30160)

Catalog No.	Formulation	Size
R30160	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity
Buffer	Lyophilized from 1X PBS with 2.5% BSA and 0.025% sodium azide
Gene ID	5580
Applications	Western Blot : 0.5-1ug/ml
Limitations	This PKC delta antibody is available for research use only.



Western blot testing of PKC delta antibody and Lane 1: HeLa; 2: SMMC-7721; 3: U87; 4: Jurkat; 5: CEM; 6: A549; Predicted size: 77KD; Observed size: 77KD

Description

Protein kinase C delta type, also called PKCD, is an enzyme that in humans is encoded by the PRKCD gene. The PRKCD gene encodes a member of the protein kinase C family, members of which are critical for regulation of cell survival, proliferation, and apoptosis. This gene is mapped to 3p21.1. Studies both in human and mice demonstrate that this kinase is involved inB cell signaling and in the regulation of growth, apoptosis, and differentiation of a variety of cell types. PRKCD is also regulated by phosphorylation on various tyrosine residues including Y311 (by SRC). It has been showed that PRKCD phosphorylates NLRC4 and that this phosphorylation is critical for inflammasome assembly. What's more, it is also a part of a noncanonical WNT signaling cascade.

Application Notes

The stated application concentrations are suggested starting amounts. Titration of the PKC delta antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

Human partial recombinant protein (AA 1-160) was used as the immunogen for this PKC delta antibody.

Storage

After reconstitution, the PKC delta antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.