PRKCD Antibody

Catalog No: #36186

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Description

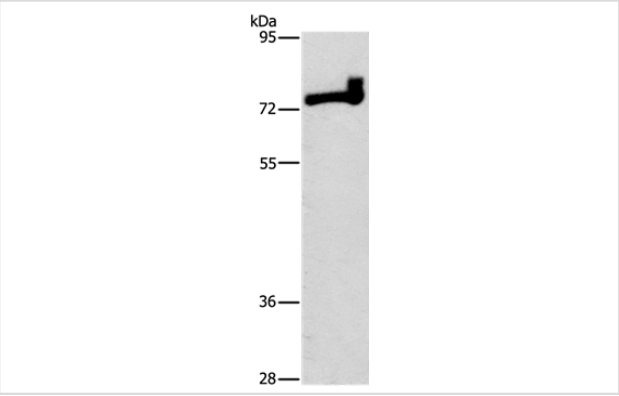
Product Name	PRKCD Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification.
Applications	WB IHC
Species Reactivity	Hu Ms
Specificity	The antibody detects endogenous levels of total PRKCD protein.
Immunogen Type	Recombinant Protein
Immunogen Description	Fusion protein corresponding to residues near the N terminal of human protein kinase C, delta
Target Name	PRKCD
Other Names	MAY1; PKCD; nPKC-delta
Accession No.	Swiss-Prot#: Q05655NCBI Gene ID: 5580Gene Accssion: BC043350
Uniprot	Q05655
GeneID	5580;
SDS-PAGE MW	78kd
Concentration	1.3mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN3, 40% Glycerol.
Storage	Store at -20°C

Application Details

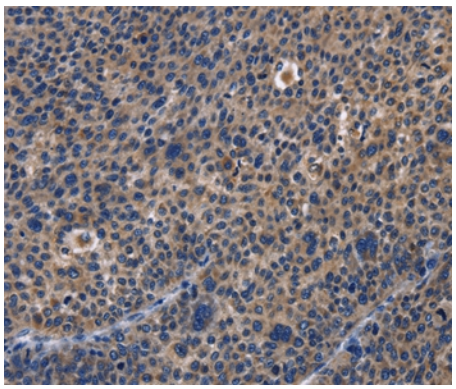
Western blotting: 1:200-1:1000

Immunohistochemistry: 1:25-1:100

Images



Gel: 6%SDS-PAGE
Lysates (from left to right): Mouse brain tissue
Amount of lysate: 40ug per lane
Primary antibody: 1/325 dilution
Secondary antibody dilution: 1/8000
Exposure time: 20 seconds



Immunohistochemical analysis of paraffin-embedded Human liver cancer tissue using #36186 at dilution 1/30.

Background

Protein kinase C (PKC) is a family of serine- and threonine-specific protein kinases that can be activated by calcium and the second messenger diacylglycerol. PKC family members phosphorylate a wide variety of protein targets and are known to be involved in diverse cellular signaling pathways. PKC family members also serve as major receptors for phorbol esters, a class of tumor promoters. Each member of the PKC family has a specific expression profile and is believed to play distinct roles in cells. The protein encoded by this gene is one of the PKC family members. Studies both in human and mice demonstrate that this kinase is involved in B cell signaling and in the regulation of growth, apoptosis, and differentiation of a variety of cell types. Alternatively spliced transcript variants encoding the same protein have been observed.

Note: This product is for in vitro research use only