

PKC theta Antibody

Catalog No: #35465

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

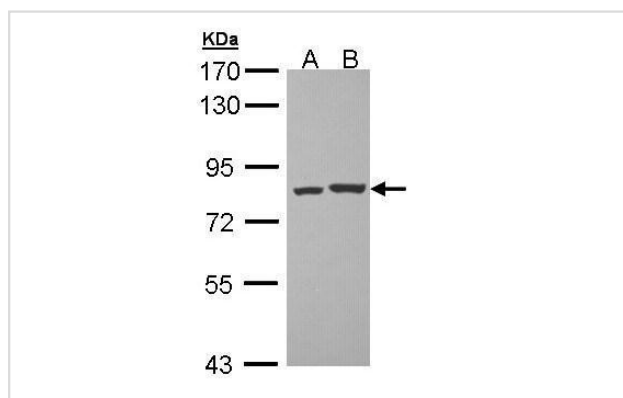
Description

Product Name	PKC theta Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antibodies were purified by antigen-affinity chromatography.
Applications	WB
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total PKC theta protein.
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant fragment corresponding to a region within amino acids 1 and 273 of PKC theta.
Target Name	PKC theta
Other Names	MGC126514 antibody; MGC141919 antibody; PRKCT antibody; nPKC-theta antibody; PRKCQ antibody; protein kinase C theta type antibody; "protein kinase C; theta antibody"
Accession No.	Swiss-Prot#:Q04759;NCBI Gene#:5588
Uniprot	Q04759
GeneID	5588;
SDS-PAGE MW	82kd
Concentration	1mg/ml
Formulation	Rabbit IgG in 0.1M Tris, 0.1M Glycine, 10% Glycerol (pH7). 0.01% Thimerosal was added as a preservative.
Storage	Store at -20°C

Application Details

Western blotting: 1:1000-1:10000

Images



Sample (30 ug of whole cell lysate)

A: HeLa

B: Hep G2

7.5% SDS PAGE

#35465 diluted at 1:5000

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 a distinct role. The protein encoded by this gene is one of the PKC family members. It is a calcium-independent and phospholipid-dependent protein kinase. This kinase is important for T-cell activation. It is required for the activation of the transcription factors NF-kappaB and AP-1, and may link the T cell receptor (TCR) signaling complex to the activation of the transcription factors. [provided by RefSeq]

Note: This product is for in vitro research use only