PKC theta Antibody

Catalog No: #35465

Description



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

| 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