PKC epsilon Antibody

Catalog No: #35427

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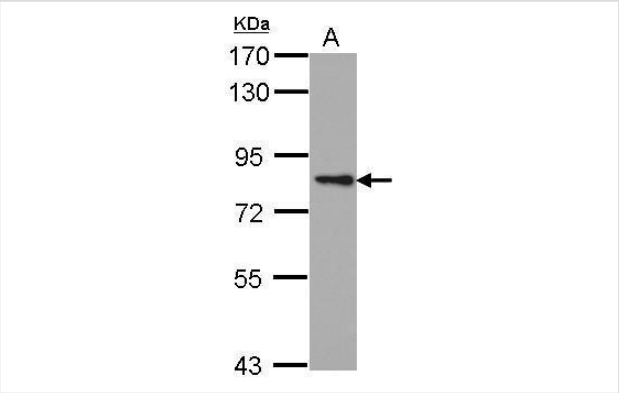
Description

Product Name	PKC epsilon 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 epsilon protein.
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant fragment corresponding to a region within amino acids 197 and 606 of PKC epsilon.
Target Name	PKC epsilon
Other Names	MGC125656 antibody; MGC125657 antibody; PKCE antibody; nPKC-epsilon antibody; PRKCE antibody; protein kinase C epsilon type antibody; "protein kinase C; epsilon antibody"
Accession No.	Swiss-Prot#:Q02156;NCBI Gene#:5581
Uniprot	Q02156
GeneID	5581;
SDS-PAGE MW	84kd
Concentration	0.92mg/ml
Formulation	Rabbit IgG in 1XPBS, 1%BSA, 20% Glycerol (pH7). 0.01% Thimerosal was added as a preservative.
Storage	Store at -20°C

Application Details

Western blotting: 1:500-1:3000

Images



Sample (30 ug of whole cell lysate)
A: A431
7.5% SDS PAGE
#35427 diluted at 1:1000

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 in cells. The protein encoded by this gene is one of the PKC family members. This kinase has been shown to be involved in many different cellular functions, such as neuron channel activation, apoptosis, cardioprotection from ischemia, heat shock response, as well as insulin exocytosis. Knockout studies in mice suggest that this kinase is important for lipopolysaccharide (LPS)-mediated signaling in activated macrophages and may also play a role in controlling anxiety-like behavior. [provided by RefSeq]

Note: This product is for in vitro research use only