PRKCE (Human) Cell-Based ELISA Kit

Catalog # KA3451 Size 1 Kit

Specification

Product Description	PRKCE (Human) Cell-Based ELISA Kit is an indirect enzyme-linked immunoassay for qualitative determination of PRKCE expression in cultured cells.
Suitable Sample	Attached Cell, Loosely Attached Cell, Suspension Cell
Label	HRP-conjugated
Detection Method	Colorimetric
Assay Type	Qualitative
Reactivity	Human, Mouse, Rat
Regulation Status	For research use only (RUO)
Storage Instruction	Store the kit at 4°C.

Applications

- Qualitative

Gene Info — PRKCE

Entrez GeneID	5581
Gene Name	PRKCE
Gene Alias	MGC125656, MGC125657, PKCE, nPKC-epsilon
Gene Description	protein kinase C, epsilon
Omim ID	176975

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Gene Ontology	Hyperlink
Gene Summary	Protein kinase C (PKC) is a family of serine- and threonine-specific protein kinases that can be a ctivated by calcium and the second messenger diacylglycerol. PKC family members phosphorylat e a wide variety of protein targets and are known to be involved in diverse cellular signaling pathw ays. PKC family members also serve as major receptors for phorbol esters, a class of tumor pro moters. 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 k inase has been shown to be involved in many different cellular functions, such as neuron channel a ctivation, apoptosis, cardioprotection from ischemia, heat shock response, as well as insulin exoc ytosis. 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
Other Designations	-

Pathway

- Fc epsilon RI signaling pathway
- Fc gamma R-mediated phagocytosis
- Tight junction
- Type II diabetes mellitus
- Vascular smooth muscle contraction

Disease

- Disease Models
- Genetic Predisposition to Disease
- Narcolepsy
- Tobacco Use Disorder

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