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

Gene Ontology	[Hyperlink](#)
Gene Summary	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
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](#)