CAMK4 (Human) Cell-Based ELISA Kit

Catalog # KA2630 Size 1 Kit

Specification

Product Description	CAMK4 (Human) Cell-Based ELISA Kit is an indirect enzyme-linked immunoassay for qualitative determination of CAMK4 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 — CAMK4

Entrez GeneID	814
Protein Accession#	Q16566
Gene Name	CAMK4
Gene Alias	CaMK-GR, MGC36771
Gene Description	calcium/calmodulin-dependent protein kinase IV

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Omim ID	114080
Gene Ontology	Hyperlink
Gene Summary	The product of this gene belongs to the serine/threonine protein kinase family, and to the Ca(2+)/calmodulin-dependent protein kinase subfamily. This enzyme is a multifunctional serine/threonine protein kinase with limited tissue distribution, that has been implicated in transcriptional regulation in lymphocytes, neurons and male germ cells. [provided by RefSeq
Other Designations	CAM kinase IV|CAM kinase- GR|brain Ca(2+)-calmodulin-dependent protein kinase type IV|brain Ca++-calmodulin-dependent protein kinase type IV|calcium/calmodulin-dependent protein kinase type IV catalytic chain

Pathway

- Calcium signaling pathway
- Long-term potentiation
- Neurotrophin signaling pathway

Disease

- Alcoholism
- Azoospermia
- Genetic Predisposition to Disease
- Narcolepsy
- Oligospermia
- Tobacco Use Disorder

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