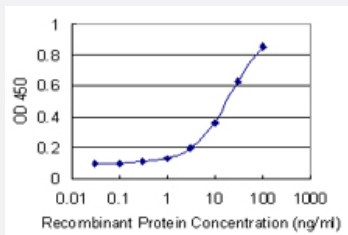


CAMKK1 monoclonal antibody (M07), clone 1C1

Catalog # H00084254-M07

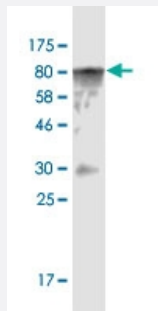
Size 100 ug

Applications



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged CAMKK1 is 1 ng/ml as a capture antibody.



Western Blot detection against Immunogen (82.94 KDa) .

Specification

Product Description

Mouse monoclonal antibody raised against a full-length recombinant CAMKK1.

Immunogen

CAMKK1 (AAH31647, 1 a.a. ~ 520 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Sequence

MEGGPAVCCQDPRAELVERVAIDVTHLEEADGGPEPTRNGVDPPPRARAASVIPGSTSRLLPARPSLSARKLSLQERPAGSYLEAQAGPYATGPASHISPRAWRRPTIESHHVAISDAEDCVQLNQYKLQSEIGKGAYGVVRLAYNESEDRHYAMKVLSSKKLLKQYGFRRPPPRGSQAAQGGAQQLPLERVYQEIALKKLDHVNVLKIEVLDDPAEDNLYLALQNQAQNIQLDSTNIAKPHSLLPSEQQDSGSTWAARSVFDLLRKGPMVEVPCDKPFSEEQARLYLRDVLGLEYLHCQKIVHRDIKPSNLLLGDDGHVKIADFGVSNQFEGNDAQLSSTAGTPAFMAPEAISDSGQSFSKGALDVWATGVTLYCFVYGKCPFIDDFILALHRKIKNEPVVFPPEGPEISEELKDLILKMLDKNPETRIGVPDIKLHPWVTKNGEELPS EEEHCSVVEVTEEEVKNSVRLIPSWTTVLVKSMLRKRSFGNPFEPQARREERSMSAPGNLLV

Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (87); Rat (87)
Isotype	IgG1 Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (82.94 KDa) .
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged CAMKK1 is 1 ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — CAMKK1

Entrez GeneID	84254
GeneBank Accession#	BC031647
Protein Accession#	AAH31647
Gene Name	CAMKK1
Gene Alias	CAMKKA, DKFZp761M0423, MGC34095
Gene Description	calcium/calmodulin-dependent protein kinase kinase 1, alpha
Omim ID	611411

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 protein plays a role in the calcium/calmodulin-dependent (CaM) kinase cascade. Three transcript variants encoding two distinct isoforms have been identified for this gene. [provided by RefSeq]

Other Designations

CAMKK alpha protein|OTTHUMP00000115904|calcium/calmodulin-dependent protein kinase 1 alpha

Pathway

- [Adipocytokine signaling pathway](#)

Disease

- [Adenocarcinoma](#)
- [Esophageal Neoplasms](#)
- [Genetic Predisposition to Disease](#)
- [Kidney Failure](#)
- [Lung Neoplasms](#)