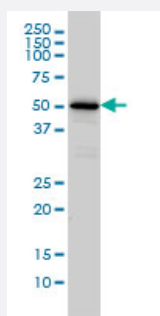


CAMKK1 monoclonal antibody (M01), clone 1F6

Catalog # H00084254-M01

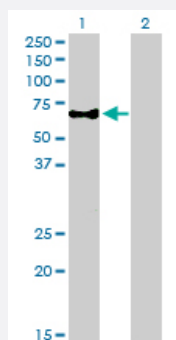
Size 100 ug

Applications



Western Blot (Cell lysate)

CAMKK1 monoclonal antibody (M01), clone 1F6 Western Blot analysis of CAMKK1 expression in Jurkat (Cat # L017V1).

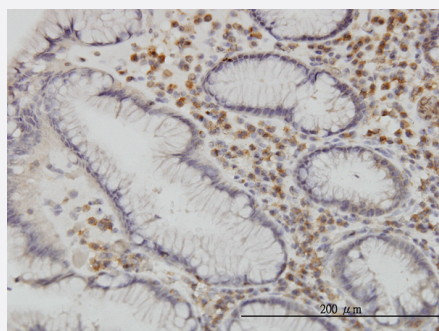


Western Blot (Transfected lysate)

Western Blot analysis of CAMKK1 expression in transfected 293T cell line by CAMKK1 monoclonal antibody (M01), clone 1F6.

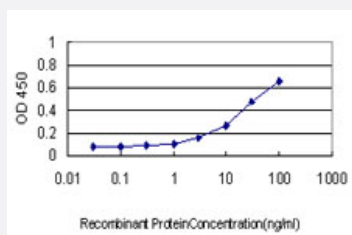
Lane 1: CAMKK1 transfected lysate(57.31 KDa).

Lane 2: Non-transfected lysate.



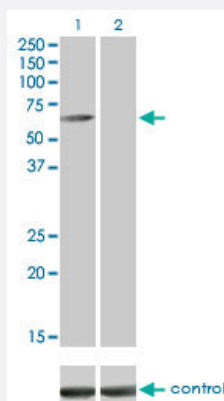
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunoperoxidase of monoclonal antibody to CAMKK1 on formalin-fixed paraffin-embedded human stomach. [antibody concentration 1 ug/ml]



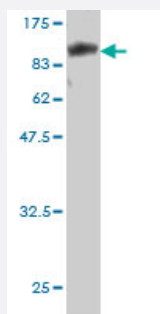
Sandwich ELISA (Recombinant protein)

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



RNAi Knockdown (Antibody validated)

Western blot analysis of CAMKK1 over-expressed 293 cell line, cotransfected with CAMKK1 Validated Chimera RNAi (Cat # H00084254-R01V) (Lane 2) or non-transfected control (Lane 1). Blot probed with CAMKK1 monoclonal antibody (M01) clone 1F6 (Cat # H00084254-M01). GAPDH (36.1 kDa) used as specificity and loading control.



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	MEGGPAVCCQDPRAELVERVAIDVTHLEEADGGPEPTRNGVDPPPPRARAASVIPGSTSRLLPARPSLSARKLSLQERPAGSYLEAQAGPYATGPASHISPRAWRRPTIESHHVAISDAEDCVQLNQYKLQSEIGKGAYGVVRLAYNESEDHYAMKVLSSKKLLKQYGFRRPPPRGSQAAQGGPAKQLLPLERVYQEIALKKLDHVNVLKIEVLDDPAEDNLYLALQNQAQNIQLDSTNIAKPHSLLPSEQQDSGSTWAARSVFDLLRKGPVMEVPCDKPFSEEQARLYLRDVILGLEYLHCQKIVHRDIKPSNLLLGDDGHVKIADFGVSNQFEGNDAQLSSSTAGTPAFMAPEAISDSGQSFSKGALDVWATGVTLYCFVYGKCPFIDDFILALHRKIKNEPVVFPEGPEISEELKDLILKMLDKNPETRIGVPDIKLHPWVTKNGEELPS EEEHCSVVEVTEEEVKNSVRLIPSWTTVILVKSMLRKRSFGNPFEPQARREERSMSAPGNLLV
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 (Cell lysate)

CAMKK1 monoclonal antibody (M01), clone 1F6 Western Blot analysis of CAMKK1 expression in Jurkat (Cat # L017V1).

[Protocol Download](#)

- Western Blot (Transfected lysate)

Western Blot analysis of CAMKK1 expression in transfected 293T cell line by CAMKK1 monoclonal antibody (M01), clone 1F6.

Lane 1: CAMKK1 transfected lysate(57.31 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunoperoxidase of monoclonal antibody to CAMKK1 on formalin-fixed paraffin-embedded human stomach. [antibody concentration 1 ug/ml]

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

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

[Protocol Download](#)

- ELISA

- RNAi Knockdown (Antibody validated)

Western blot analysis of CAMKK1 over-expressed 293 cell line, cotransfected with CAMKK1 Validated Chimera RNAi (Cat # H00084254-R01V) (Lane 2) or non-transfected control (Lane 1). Blot probed with CAMKK1 monoclonal antibody (M01) clone 1F6 (Cat # H00084254-M01). GAPDH (36.1 kDa) used as specificity and loading control.

[Protocol Download](#)

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](#)