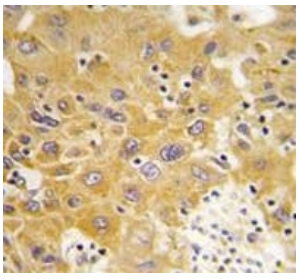
CAMK1 delta Antibody / CAMK1D (F54910)

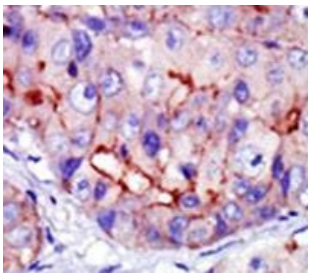
Catalog No.	Formulation	Size
F54910-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F54910-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

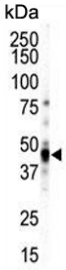
Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Purified
UniProt	Q8IU85
Localization	Cytoplasmic, nuclear
Applications	Immunohistochemistry (FFPE): 1:50-1:100 Western blot: 1:500-1:1000
Limitations	This CAMK1 delta antibody is available for research use only.



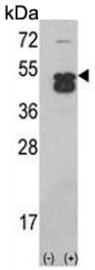
IHC testing of FFPE human hepatocellular carcinoma tissue with CAMK1 delta antibody. HIER: steam section in pH6 citrate buffer for 20 min and allow to cool prior to staining.



IHC testing of FFPE human cancer tissue with CAMK1 delta antibody. HIER: steam section in pH6 citrate buffer for 20 min and allow to cool prior to staining.



Western blot testing of human NCI-H460 cell lysate with CAMK1 delta antibody. Predicted molecular weight: ~40 kDa.



Western blot testing of 1) non-transfected and 2) transfected 293 cell lysate with CAMK1 delta antibody.

Description

CAMK1-like protein kinase belongs to a proposed calcium-triggered signaling cascade. This protein is expressed in polymorphonuclear leukocytes (PMNs) and may be part of the chemokine signal transduction pathway that regulates granulocyte function. CAMK1-like protein kinase may play a role in apoptosis of erythroleukemia cells. It activates MAP kinase MAPK3, and in vitro, phosphorylates transcription factor CREM isoform Beta and probably CREB1.

Application Notes

The stated application concentrations are suggested starting points. Titration of the CAMK1 delta antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 302-333 from the human protein was used as the immunogen for the CAMK1 delta antibody.

Storage

Aliquot the CAMK1 delta antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

Copyright © NSJ Bioreagents. All rights reserved.