

Product datasheet for AP13881PU-N

CAMK1D (C-term) Rabbit Polyclonal Antibody

Product data:

Product Type: Primary Antibodies

IHC, WB **Applications:**

Recommended Dilution: ELISA 1:1,000.

Western blot 1:100 - 1:500.

Immunohistochemistry 1:50 - 1:100.

Reactivity: Human Host: Rabbit

Isotype: lg

Clonality: Polyclonal

Immunogen: This antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide

selected from the C-terminal region of human CAMK1-like protein kinase.

This antibody detects CAMK1D at C-term. Specificity:

Formulation: PBS with 0.09% (W/V) sodium azide

State: Purified

State: Liquid Ig fraction

Concentration: lot specific

Purification: Protein G column, eluted with high and low pH buffers and neutralized immediately, followed

by dialysis against PBS.

Conjugation: Unconjugated

Store the antibody at 2 - 8 °C up to one month or (in aliquots) at -20 °C for longer. Avoid Storage:

repeated freezing and thawing. Should this product contain a precipitate we recommend

microcentrifugation before use.

Stability: Shelf life: one year from despatch.

Gene Name: calcium/calmodulin dependent protein kinase ID

Database Link: Entrez Gene 57118 Human

O8IU85



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CAMK1D (C-term) Rabbit Polyclonal Antibody - AP13881PU-N

Background: 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

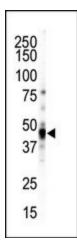
CREB1.

Synonyms: CaM kinase I delta, Camk1D, CamKI-like protein kinase, CKLiK, CaM kinase ID, CaMKI-delta,

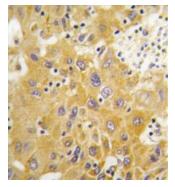
CaM kinase ID

Note: Molecular Weight: 40189 Da

Product images:

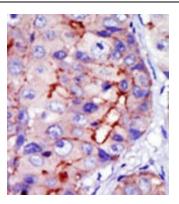


Western blot analysis of anti-CAMK1-like C-term Pab in NCIH460 cell lysate. CAMK1-like (arrow) was detected using purified Pab. Secondary HRP-anti-rabbit was used for signal visualization with chemiluminescence.



Formalin-fixed and paraffin-embedded human hepatocarcinoma tissue reacted with CAMK1-like Antibody (C-term), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.





Formalin-fixed and paraffin-embedded human cancer tissue (hepatocarcinoma) reacted with the primary antibody, which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.