

CAMK2D Recombinant antibody

Cat: B36417S

Company: HaoKebio

Uniprot ID: Q13557

Applications: IHC:1:50-1:500

Organism: Rabbit

IHC-Polymer:1:200-1:2000

Species reactivity: Human Mouse Rat

IHC-TSA:1:250-1:2500

Molecular Weight Calculation: 59 kDa

WB:1:5000-1:50000

Observed Molecular Weight: 54-59 kDa

Background:

CaMKII delta, also named as CAMKD, belongs to the protein kinase superfamily, CAMK Ser/Thr protein kinase family and CaMK subfamily. CaM-kinase II (CAMK2) is a prominent kinase in the central nervous system that may function in long-term potentiation and neurotransmitter release, composed of four different chains: alpha, beta, gamma, and delta. The CAMK2 protein kinases contain a unique C-terminal subunit association domain responsible for oligomerization. The different chains assemble into homo- or heteromultimeric holoenzymes composed of 8 to 12 subunits. This antibody is specific to the C-term of delta chain, CaMKII delta. It may also recognize CAMK2A due to the high homology.

Synonyms:

CaMKII delta, EC:2.7.11.17, CaMK-II subunit delta, CaM kinase II subunit delta, Calcium/calmodulin-dependent protein kinase type II subunit delta

Immunogen:

Recombinant protein

Isotype:

IgG

Subcellular location:

Cytoplasm, Nucleus

Purity:

Affinity purification

Form:

Liquid

Storage Buffer:

PBS with 0.02% sodium azide, 100 µg/ml BSA and 50% glycerol.

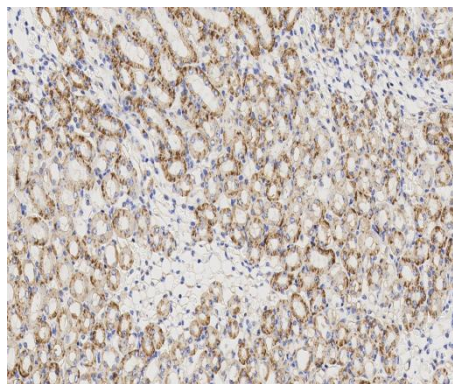
Storage:

Store at -20 °C for one year.

Experimental procedure:

Antigen retrieval: Citrate buffer (pH 9.0), Medium high heat for 8 minutes, stop for 7 minutes, medium high heat for 8 minutes. Incubate antibody, 4°C overnight. Secondary antibody: Poly-HRP Goat Anti-Rabbit & Mouse Universal Secondary Antibody, RT, 1h.

Images:



Sample: Mouse kidney, 4% PFA 12-24h

Source of Reagents:

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