

DCAMKL2 Polyclonal Antibody
Catalog # AP69481**Specification**

DCAMKL2 Polyclonal Antibody - Product Information

Application	WB, IF
Primary Accession	Q8N568
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Polyclonal

DCAMKL2 Polyclonal Antibody - Additional Information**Gene ID** 166614**Other Names**

DCLK2; DCAMKL2; DCDC3B; DCK2; Serine/threonine-protein kinase DCLK2; CaMK-like CREB regulatory kinase 2; CL2; CLICK-II; CLICK2; Doublecortin domain-containing protein 3B; Doublecortin-like and CAM kinase-like 2; Doublecortin-like kinase 2

Dilution

WB~~Western Blot: 1/500 - 1/2000. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/10000. Not yet tested in other applications.
IF~~1:50~200

Format

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.

Storage Conditions

-20°C

DCAMKL2 Polyclonal Antibody - Protein Information**Name** DCLK2**Synonyms** DCAMKL2, DCDC3B, DCK2**Function**

Protein kinase with a significantly reduced C(a2+)/CAM affinity and dependence compared to other members of the CaMK family. May play a role in the down-regulation of CRE-dependent gene activation probably by phosphorylation of the CREB coactivator CRTC2/TORC2 and the resulting retention of TORC2 in the cytoplasm (By similarity).

Cellular Location

Cytoplasm, cytoskeleton. Note=Colocalizes with microtubules.

Tissue Location

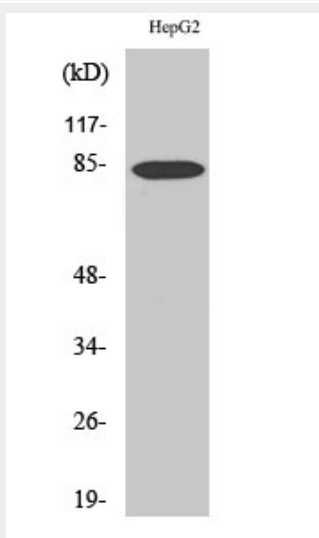
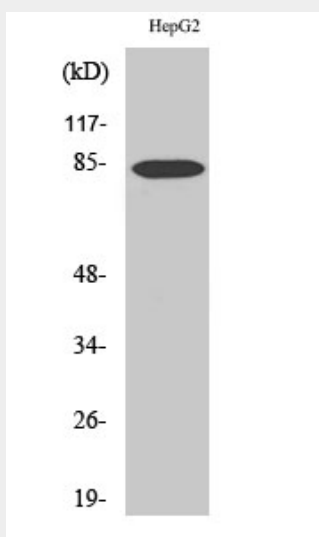
Expressed in the brain, heart and eyes.

DCAMKL2 Polyclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

DCAMKL2 Polyclonal Antibody - Images



DCAMKL2 Polyclonal Antibody - Background

Protein kinase with a significantly reduced Ca^{2+} /CAM affinity and dependence compared to other members of the CaMK family. May play a role in the down-regulation of CRE-dependent gene activation probably by phosphorylation of the CREB coactivator CRTC2/TORC2 and the resulting retention of TORC2 in the cytoplasm (By similarity).