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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℃

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.

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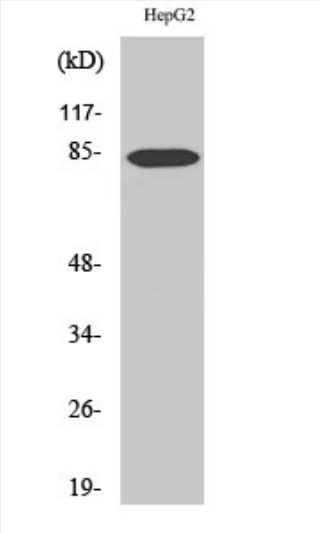
DCAMKL2 Polyclonal Antibody - Protocols

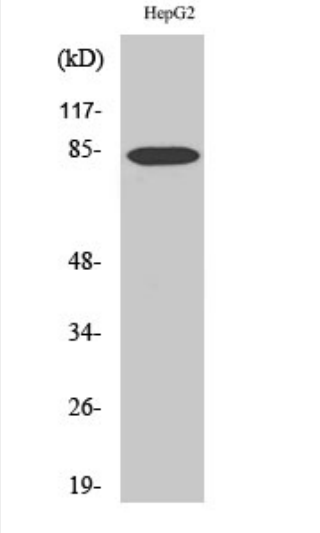
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

DCAMKL2 Polyclonal Antibody - Images



Western Blot analysis of various cells using DCAMKL2 Polyclonal Antibody



Western Blot analysis of various cells using DCAMKL2 Polyclonal Antibody

DCAMKL2 Polyclonal Antibody - Background

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).