

[KD]DCAMKL1 Rabbit mAb

Catalog # AP75343

Product Information

Application	WB, IHC-P
Primary Accession	O15075
Reactivity	Rat, Human, Mouse
Host	Rabbit
Clonality	Monoclonal Antibody
Isotype	IgG
Conjugate	Unconjugated
Purification	Affinity Purified
Calculated MW	82224

Additional Information

Gene ID	9201
Other Names	DCLK1
Dilution	WB~~1:1000-1:5000 IHC-P~~N/A
Format	Liquid in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% sodium azide and 0.05% BSA.
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

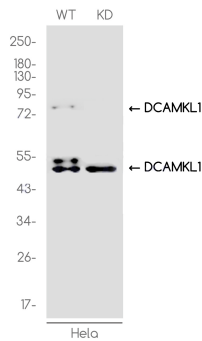
Protein Information

Name	DCLK1
Synonyms	DCAMKL1, DCDC3A, KIAA0369
Function	Probable kinase that may be involved in a calcium-signaling pathway controlling neuronal migration in the developing brain. May also participate in functions of the mature nervous system.
Tissue Location	In fetal tissues, highly expressed in brain, detectable in lung and liver, but not in kidney. In adult tissues, expressed ubiquitously in the brain, detectable in the heart, liver, spleen, thymus, prostate, testis, ovary, small intestine and colon. The type A isoforms seem to be expressed predominantly in fetal brain whereas type B isoforms are expressed abundantly in both fetal and adult brain.

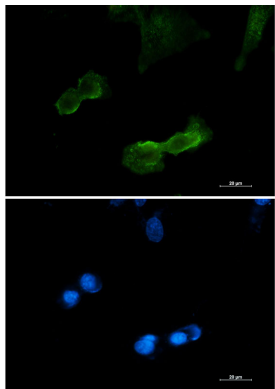
Background

Probable kinase that may be involved in a calcium-signaling pathway controlling neuronal migration in the developing brain. May also participate in functions of the mature nervous system.

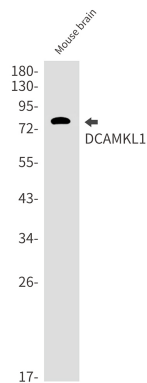
Images



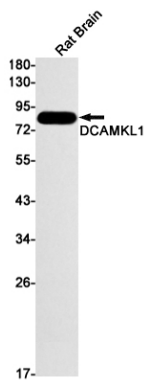
Western blot analysis of DCAMKL1 in HeLa(WT) and DCAMKL1-Knockdown HeLa(KD) using DCAMKL1 antibody.



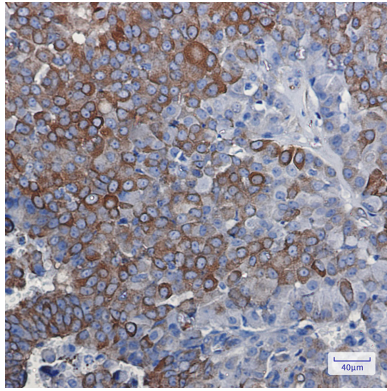
Immunocytochemistry analysis of DCAMKL1 (green) in U87-MG using DCAMKL1 antibody, and DAPI(blue).



Western blot analysis of DCAMKL1 in mouse brain lysates using DCAMKL1 antibody.



Western blot analysis of DCAMKL1 in rat Brain lysates using DCAMKL1 antibody



Immunohistochemistry analysis of paraffin-embedded Human breast cancer using DCAMKL1 antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.