

Rabbit anti-Human, mouse DCAMKL1 Polyclonal Antibody | anti-DCLK1 antibody

DCAMKL1 Antibody (N-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA288027	Rabbit	Human, mouse	ELISA, Western Blot

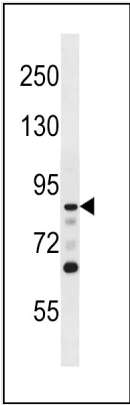
PRODUCT SYNONYMS

DCAMKL1; Polyclonal Antibody; DCAMKL1 Antibody (N-term); Serine/threonine-protein kinase DCLK1; Doublecortin domain-containing protein 3A; Doublecortin-like and CAM kinase-like 1; Doublecortin-like kinase 1; DCLK1; DCDC3A; KIAA0369; anti-DCLK1 antibody

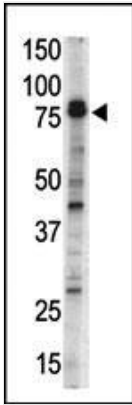
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, mouse
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This DCAMKL1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 1-30 amino acids from the N-terminal region of human DCAMKL1.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Concentration	Vial Concentration: 2 (varies by lot)
Sequence Positions	1-30
Sequence Length	422
Applicable Applications for anti-DCLK1 antibody	ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)
DCAMKL1 Antibody (D13) western blot analysis in T47D cell line lysates (35ug/lane). This demonstrates the DCAMKL1 antibody detected the DCAMKL1 protein (arrow).



WB (Western Blot)
Western blot analysis of DCAMKL1 Antibody (N-term) in mouse brain tissue lysate. DCAMKL1 (arrow) was detected using purified Pab. Secondary HRP-anti-rabbit was used for signal visualization with chemiluminescence.

ADDITIONAL INFORMATION

Related Product Information for anti-DCLK1 antibody	Doublecortin-like kinase (DCAMKL1)(Ser/Thr protein kinase family) is essential for proper neurogenesis, neuronal migration, and axonal wiring. DCAMKL1 is involved in a calcium-signaling pathway controlling neuronal migration in the developing brain, and participates in functions of the mature nervous system. DCAMKL1 protein shares high homology with doublecortin (DCX). DCLK, but not DCX, is highly expressed in regions of active neurogenesis in the neocortex and cerebellum. DCAMKL1 controls mitotic division by regulating spindle formation and also determines the fate of neural progenitors during cortical neurogenesis.
Product Categories/Family for anti-DCLK1 antibody	Neuroscience; Signal Transduction
References	Matsumoto, N., et al., Genomics 56(2):179-183 (1999). Sossey-Alaoui, K., et al., Genomics 56(1):121-126 (1999). Omori, Y., et al., J. Hum. Genet. 43(3):169-177 (1998). Nagase, T., et al., DNA Res. 4(2):141-150 (1997).

NCBI AND UNIPROT INFORMATION

NCBI GI #	306518604
NCBI GeneID	9201
NCBI Accession #	NP_001182344.1; NP_001182345.1; NP_004725.1
NCBI GenBank Nucleotide #	NM_001195415.1
UniProt Accession #	O15075; Q5VZY8; Q5VZZ0; Q5VZZ1; B7Z3E9
Molecular Weight	82224
NCBI Official Full Name	serine/threonine-protein kinase DCLK1 isoform 2
NCBI Official Synonym Full Names	doublecortin-like kinase 1
NCBI Official Symbol	DCLK1
NCBI Official Synonym Symbols	CL1; DCLK; CLICK1; DCDC3A; DCAMKL1
NCBI Protein Information	serine/threonine-protein kinase DCLK1
UniProt Protein Name	Serine/threonine-protein kinase DCLK1
UniProt Gene Name	DCLK1

UniProt Synonym Gene Names	DCAMKL1; DCDC3A; KIAA0369
UniProt Entry Name	DCLK1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/dcamkl1-antibody-western-blot-elisa/288027>