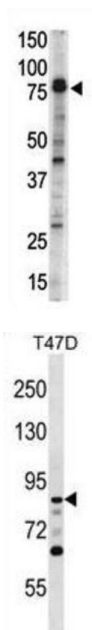


Doublecortin-Like And CAM Kinase-Like 1 (DCAMKL1) Antibody

Catalogue No.: abx033239



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.

Target: Doublecortin-Like And CAM Kinase-Like 1 (DCAMKL1)

Clonality: Polyclonal

Reactivity: Human, Mouse

Tested Applications: ELISA, WB

Host: Rabbit

Recommended dilutions: WB: 1/1000. Optimal dilutions/concentrations should be determined by the end user.

Conjugation: Unconjugated

Immunogen: KLH-conjugated synthetic peptide between 1-30 amino acids from the N-terminal region of human DCAMKL1.

Isotype: IgG

Datasheet

Version: 3.0.0
Revision date: 16 Oct 2025



Form:	Liquid
Purification:	Purified through a protein G column, eluted with high and low pH buffers and neutralized immediately, followed by dialysis against PBS.
Storage:	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
UniProt Primary AC:	O15075 (UniProt , ExPASy)
Gene Symbol:	DCAMKL1
NCBI Accession:	NP_001182344.1, NP_001182345.1, NP_004725.1
Molecular Weight:	Calculated MW: 82.2 kDa
Buffer:	PBS containing 0.09% sodium azide.
Note:	THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.

For Reference Only