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DCAMKL1 Antibody

Rabbit mAb
Catalog # AP91203

Product Information

Application	WB, IHC, IF, FC, ICC, IHF
Primary Accession	O15075
Reactivity	Rat, Human, Mouse
Clonality	Monoclonal
Other Names	CL1; CLICK1; Cpg16; DCDC3A; Dclk; Dclk1;
Isotype	Rabbit IgG
Host	Rabbit
Calculated MW	82224

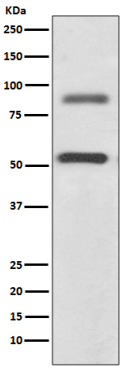
Additional Information

Dilution	WB 1:500~1:2000 IHC 1:50~1:200 ICC/IF 1:50~1:200 FC 1:500
Purification	Affinity-chromatography
Immunogen	A synthesized peptide derived from human DCAMKL1
Description	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.
Storage Condition and Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

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.

Images



Western blot analysis of DCAMKL1 expression in SH-SY5Y cell lysate;.