

Product datasheet for **CF806542**

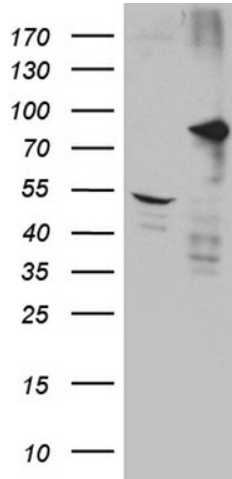
DCAMKL1 (DCLK1) Mouse Monoclonal Antibody [Clone ID: OTI1F8]

Product data:

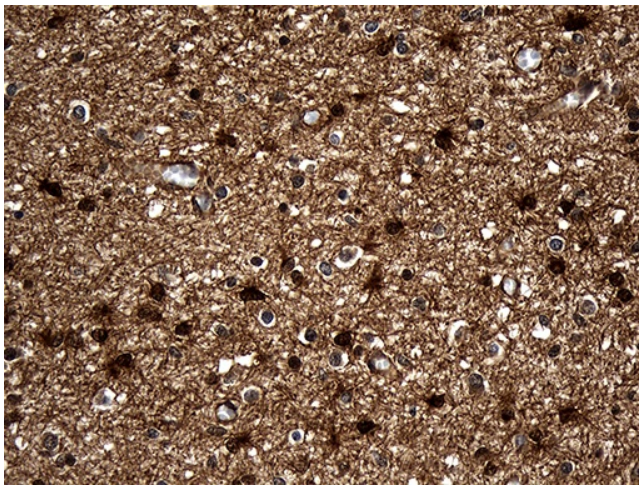
Product Type:	Primary Antibodies
Clone Name:	OTI1F8
Applications:	IHC, WB
Recommended Dilution:	WB 1:2000, IHC 1:500
Reactivity:	Human, Mouse
Host:	Mouse
Isotype:	IgG2b
Clonality:	Monoclonal
Immunogen:	Human recombinant protein fragment corresponding to amino acids 193-492 of human DCLK1 (NP_004725) produced in E.coli.
Formulation:	Lyophilized powder (original buffer 1X PBS, pH 7.3, 8% trehalose)
Reconstitution Method:	For reconstitution, we recommend adding 100uL distilled water to a final antibody concentration of about 1 mg/mL. To use this carrier-free antibody for conjugation experiment, we strongly recommend performing another round of desalting process. (OriGene recommends Zeba Spin Desalting Columns, 7KMWCO from Thermo Scientific)
Purification:	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	80.9 kDa
Gene Name:	doublecortin like kinase 1
Database Link:	NP_004725 Entrez Gene 13175 Mouse Entrez Gene 9201 Human O15075
Synonyms:	CL1; CLICK1; DCAMKL1; DCDC3A; DCLK
Protein Families:	Druggable Genome, Protein Kinase



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Product images:

HEK293T cells were transfected with the pCMV6-ENTRY control (Cat# [PS100001], Left lane) or pCMV6-ENTRY DCLK1 (Cat# [RC217050], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-DCLK1 (1:2000) (Cat# [TA806542]). Positive lysates [LY417785] (100ug) and [LC417785] (20ug) can be purchased separately from OriGene.



Immunohistochemical staining of paraffin-embedded Human embryonic cerebellum within the normal limits using anti-DCLK1 mouse monoclonal antibody. Heat-induced epitope retrieval by EDTA solution buffer pH 8.0 at 120°C for 3 min.