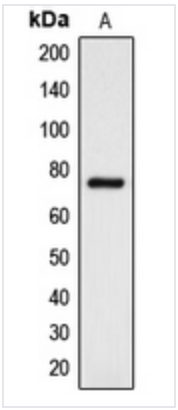
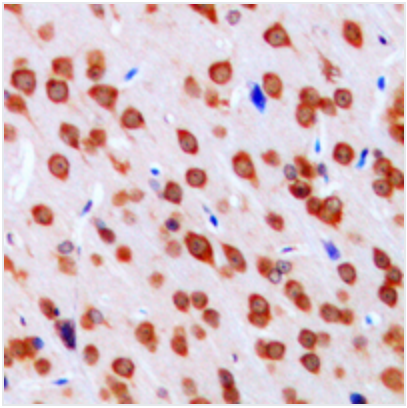
DCLK3 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	DCLK3, Polyclonal Antibody
Full Product Name	Rabbit anti-DCLK3 Antibody
Product Gene Name	anti-DCLK3 antibody
Product Synonym Names	DCAMKL3; DCDC3C; KIAA1765; Serine/threonine-protein kinase DCLK3; Doublecortin domain-containing protein 3C; Doublecortin-like and CAM kinase-like 3; Doublecortin-like kinase 3
Clonality	Polyclonal
Host	Rabbit
Species Reactivity	Human
Form/Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Concentration	1mg/mL (lot specific)
Preparation and Storage	Store at -20 degree C. Avoid repeated freeze/thaw cycles.
Molecular Weight	73,814 Da
Chromosome Location	Chromosome: 3; NC_000003.11 (36753913..36781352, complement). Location: 3p22.2
OMIM	613167
3D Structure	ModBase 3D Structure for Q9C098
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human DCLK3. The exact sequence is proprietary.
Product Categories/Family for anti-DCLK3 antibody	Primary antibodies
ISO Certification	Manufactured in an ISO 13485:2003 and EN ISO 13485:2012 Certified Laboratory.
Applications Tested/Suitable for anti-DCLK3 antibody	Western Blot (WB), Immunohistochemistry (IHC)
Application Notes for anti-DCLK3 antibody	WB: 1:500-1:1000 IHC: 1:100-1:200
Related Product Information for anti-DCLK3 antibody	MBS4504682 is an antibody targeting DCLK3. Also known as Rabbit anti-DCLK3 Antibody. Reactive in Human. Host: Rabbit.
Other Notes	Small volumes of anti-DCLK3 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.



Western Blot (WB) of anti-DCLK3 antibody
Western blot analysis of DCLK3 expression in K562 (A) whole cell lysates.



Immunohistochemistry (IHC) of anti-DCLK3 antibody
Immunohistochemical analysis of DCLK3 staining in human brain formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for DCLK3. It may not necessarily be applicable to this product.

NCBI GI #	149589021
NCBI GeneID	85443
NCBI Accession #	NP_208382.1
UniProt Primary Accession #	Q9C098
UniProt Related Accession #	Q9C098
GenBank Nucleotide #	NM_033403.1
NCBI Official Full Name	serine/threonine-protein kinase DCLK3
NCBI Official Synonym Full Names	doublecortin-like kinase 3
NCBI Official Symbol	DCLK3
NCBI Official Synonym Symbols	CLR; DCK3; DCDC3C; DCAMKL3
UniProt Protein Name	Serine/threonine-protein kinase DCLK3
UniProt Synonym Protein Names	Doublecortin domain-containing protein 3C; Doublecortin-like and CAM kinase-like 3; Doublecortin-like kinase 3
Protein Family	Serine/threonine-protein kinase
UniProt Gene Name	DCLK3
UniProt Synonym Gene Names	DCAMKL3; DCDC3C; KIAA1765
UniProt Entry Name	DCLK3_HUMAN
NCBI Protein Information	serine/threonine-protein kinase DCLK3; CLICK-I,II-related; doublecortin and CaM kinase-like 3; doublecortin-like and CAM kinase-like 3; doublecortin domain-containing protein 3C

UniProt Comments for DCLK3	DCAMKL3: Belongs to the protein kinase superfamily. CAMK Ser/Thr protein kinase family. CaMK subfamily. Protein type: Protein kinase, CAMK; Kinase, protein; EC 2.7.11.1; Protein kinase, Ser/Thr (non-receptor); CAMK group; DCAMKL family Chromosomal Location of Human Ortholog: 3p22.2 Cellular Component: cytoplasm; nucleus Molecular Function: protein serine/threonine kinase activity; ATP binding Biological Process: protein amino acid phosphorylation
Research Articles on DCLK3	**1.** Clinical trial of gene-disease association and gene-environment interaction. (HuGE Navigator)
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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Product Note	Select online data sheet information is drawn from bioinformatics databases, occasionally resulting in ambiguous or non-relevant product information. It is the responsibility of the customer to review, verify, and evaluate the information to make sure it matches their requirements before purchasing the kit. Our ELISA Kit assays are dynamic research tools and sometimes they may be updated and improved. If the format of this assay is important to you then please request the current manual or contact our technical support team with a presales inquiry before placing an order. We will confirm the current details of the assay. We cannot guarantee the sample manual posted online is the most current manual, it is intended to serve as an example only. Please refer to the instructions For Use provided with the assay kit for precise details.

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