

# Product Datasheet

## DCLK1 Antibody - BSA Free

### NBP1-77127

Unit Size: 0.1 mg

Store at 4C.

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**NBP1-77127**

DCLK1 Antibody - BSA Free

**Product Information**

<b>Unit Size</b>	0.1 mg
<b>Concentration</b>	1 mg/ml
<b>Storage</b>	Store at 4C.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	0.02% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	Peptide affinity purified
<b>Buffer</b>	PBS
<b>Target Molecular Weight</b>	85 kDa

**Product Description**

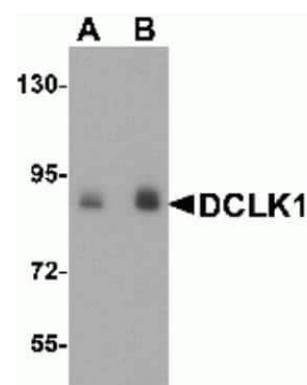
<b>Description</b>	Antibody can be stored at 4C up to one year. Antibodies should not be exposed to prolonged high temperatures.
<b>Host</b>	Rabbit
<b>Gene ID</b>	9201
<b>Gene Symbol</b>	DCLK1
<b>Species</b>	Human, Mouse, Rat
<b>Immunogen</b>	Antibody was raised against a 14 amino acid synthetic peptide near the carboxy terminus of human DCLK1. The immunogen is located within the last 50 amino acids of DCLK1. Amino Acid Sequence: IRRGRFSDEDATRM

**Product Application Details**

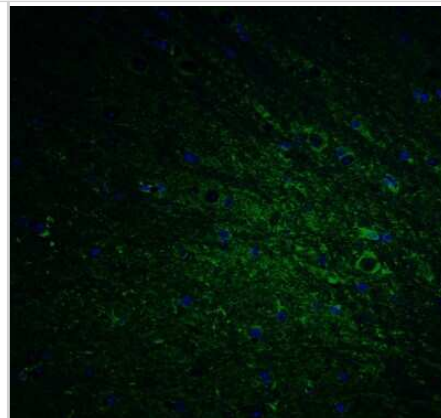
<b>Applications</b>	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
<b>Recommended Dilutions</b>	Western Blot 0.5-1 ug/ml, ELISA 1:100-1:2000, Immunohistochemistry 2.5 ug/ml, Immunocytochemistry/ Immunofluorescence 20 ug/ml, Immunohistochemistry-Paraffin 2.5 ug/ml

**Images**

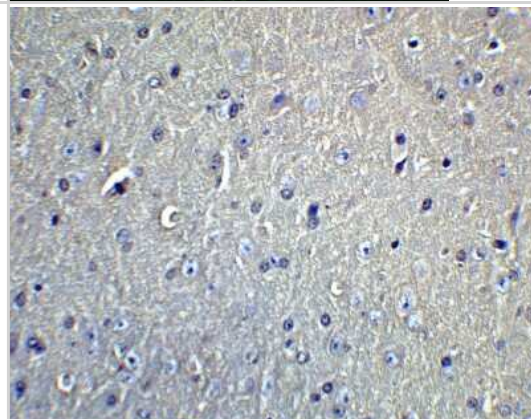
Western Blot: DCLK1 Antibody [NBP1-77127] - Analysis of DCLK1 expression in rat brain tissue lysate with DCLK1 antibody at (A) 1 and (B) 2 ug/ml.



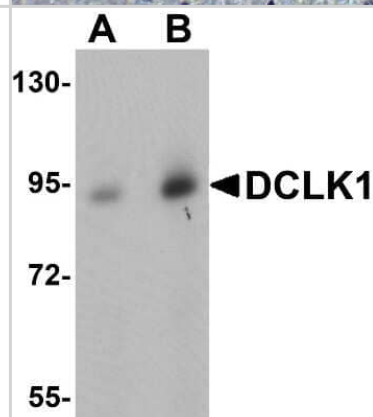
Immunocytochemistry/Immunofluorescence: DCLK1 Antibody [NBP1-77127] - Staining of DCLK1 in mouse brain tissue with DCLK1 Antibody at 20 ug/mL.



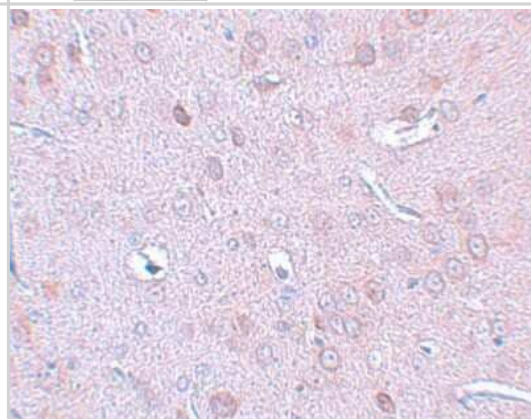
Immunohistochemistry: DCLK1 Antibody [NBP1-77127] - Staining of DCLK1 in mouse brain tissue with DCLK1 Antibody at 5 ug/mL.



Western Blot: DCLK1 Antibody [NBP1-77127] - Human brain tissue lysate with DCLK1 antibody at (A) 0.5 and (B) 1 ug/mL.



Immunohistochemistry-Paraffin: DCLK1 Antibody [NBP1-77127] - Rat brain tissue with DCLK1 antibody at 2.5 ug/mL.



## Publications

JR Enriquez, HA McCauley, KX Zhang, JG Sanchez, GT Kalin, RA Lang, JM Wells A dietary change to a high-fat diet initiates a rapid adaptation of the intestine Cell Reports, 2022-11-15;41(7):111641. 2022-11-15 [PMID: 36384107]



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### **Products Related to NBP1-77127**

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NBP1-77127PEP	DCLK1 Antibody Blocking Peptide
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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