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anti-CDKL3 antibody





#### Overview

Quantity:	100 μL
Target:	CDKL3
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CDKL3 antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC)

### **Product Details**

Immunogen:	Synthesized peptide derived from internal of Human CDKL3.
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

# **Target Details**

Target:	CDKL3
Alternative Name:	CDKL3 (CDKL3 Products)
Background:	Background: The protein encoded by this gene is a member of cyclin-dependent protein kinase (CDK) family. CDK family members are highly similar to the gene products of Saccharomyces
	cerevisiae cdc28, and Schizosaccharomyces pombe cdc2, and are known to be important

regulators of cell cycle progression. This gene was identified as a gene absent in leukemic patients with chromosome 5q deletion. This loss may be an important determinant of dysmyelopoiesis. Alternative splicing results in multiple transcript variants encoding different isoforms.

Midmer M., Submitted (FEB-1999) to the EMBL/GenBank/DDBJ databases.

The MGC Project Team, Genome Res. 14:2121-2127(2004).

Greenman C., Nature 446:153-158(2007).

Aliases: CDKL3 antibody, CDKL3 protein antibody, CDKL3\_HUMAN antibody, Cyclin dependent kinase like 3 antibody, Cyclin-dependent kinase-like 3 antibody, Serine/threonine-protein kinase NKIAMRE antibody

UniProt: Q8IVW4

Pathways: Cell Division Cycle

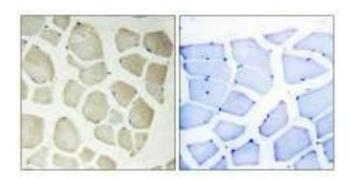
## **Application Details**

Application Notes: IHC:1:50-1:100,

Restrictions: For Research Use only

# Handling

Format:	Liquid
Buffer:	Rabbit IgG in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C,-80 °C
Storage Comment:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



#### **Immunohistochemistry**

**Image 1.** Immunohistochemistry analysis of paraffinembedded human skeletal muscle tissue, using CDKL3 antibody.