

**CDC2L1 Antibody**  
**Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP50040**

**Specification**

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**CDC2L1 Antibody - Product Information**

Application	<b>WB</b>
Primary Accession	<a href="#">P21127</a>
Reactivity	<b>Human, Mouse</b>
Host	<b>Rabbit</b>
Clonality	<b>Polyclonal</b>
Calculated MW	<b>93 KDa</b>
Antigen Region	<b>11-39</b>

**CDC2L1 Antibody - Additional Information**

**Gene ID** 984

**Other Names**

Cyclin-dependent kinase 11B, Cell division cycle 2-like protein kinase 1, CLK-1, Cell division protein kinase 11B, Galactosyltransferase-associated protein kinase p58/GTA, PITSLRE serine/threonine-protein kinase CDC2L1, p58 CLK-1, CDK11B, CDC2L1, CDK11, PITSLREA, PK58

**Dilution**

WB~~ 1:1000

**Format**

Rabbit IgG in phosphate buffered saline (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.4, 150mM NaCl, 0.09% (W/V) sodium azide and 50% glycerol.

**Storage Conditions**

-20°C

**CDC2L1 Antibody - Protein Information**

**Name** CDK11B

**Synonyms** CDC2L1, CDK11, PITSLREA, PK58

**Function**

Plays multiple roles in cell cycle progression, cytokinesis and apoptosis. Involved in pre-mRNA splicing in a kinase activity- dependent manner. Isoform 7 may act as a negative regulator of normal cell cycle progression.

**Cellular Location**

Cytoplasm. Nucleus.

**Tissue Location**

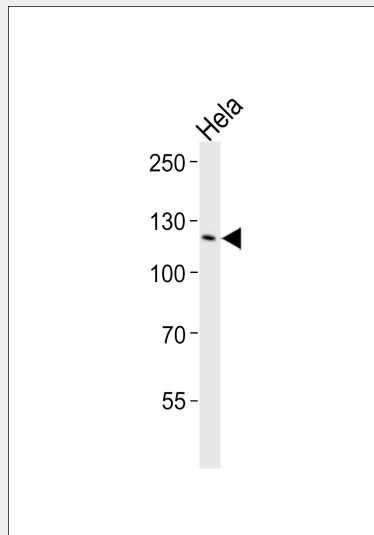
Expressed ubiquitously. Some evidence of isoform- specific tissue distribution.

### CDC2L1 Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

### CDC2L1 Antibody - Images



Western blot analysis of lysates from HeLa cell line, using CDC2L1 Antibody (C10442). C10442 was diluted at 1:1000. A goat anti-rabbit IgG H&L (HRP) at 1:5000 dilution was used as the secondary antibody. Lysates at 35 µg.

### CDC2L1 Antibody - Background

Appears to play multiple roles in cell cycle progression, cytokinesis and apoptosis. The p110 isoforms have been suggested to be involved in pre-mRNA splicing, potentially by phosphorylating the splicing protein SFRS7. The p58 isoform may act as a negative regulator of normal cell cycle progression.

### CDC2L1 Antibody - References

- Bunnell B.A., et al. Proc. Natl. Acad. Sci. U.S.A. 87:7467-7471 (1990).  
Bunnell B.A., et al. Proc. Natl. Acad. Sci. U.S.A. 88:2612-2612 (1991).  
Eipers P.G., et al. Genomics 13:613-621 (1992).  
Xiang J., et al. J. Biol. Chem. 269:15786-15794 (1994).  
Gururajan R., et al. Genome Res. 8:929-939 (1998).