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

Specification

CDC2L1 Antibody - Product Information

Application	**WB**
Primary Accession	P21127
Reactivity	**Human, Mouse**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**93 KDa**
Antigen Region	**11-39**

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 Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.09% (W/V) sodium azide and 50% glycerol.

Storage Conditions
-20℃

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

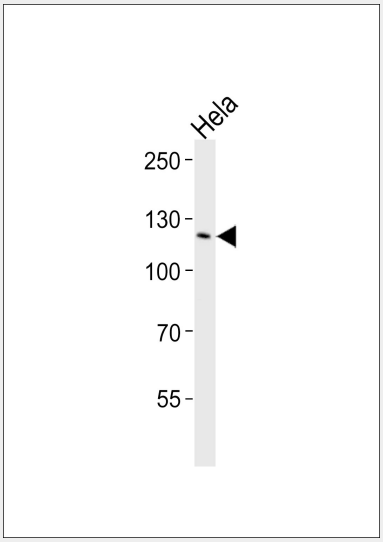
Expressed ubiquitously. Some evidence of isoform- specific tissue distribution.

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 Cytomety
- 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 35ug.

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).