

CDC2L5 Polyclonal Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP58792**Specification**

CDC2L5 Polyclonal Antibody - Product Information

Application	IHC-P, IHC-F, IF, E
Primary Accession	Q14004
Reactivity	Rat, Pig, Dog, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	164923

CDC2L5 Polyclonal Antibody - Additional Information**Gene ID** 8621**Other Names**

Cyclin-dependent kinase 13, 2.7.11.22, 2.7.11.23, CDC2-related protein kinase 5, Cell division cycle 2-like protein kinase 5, Cell division protein kinase 13, hCDK13, Cholinesterase-related cell division controller, CDK13, CDC2L, CDC2L5, CHED, KIAA1791

Dilution

IHC-P ~ ~ N/A
IHC-F ~ ~ N/A
IF ~ ~ 1:50 ~ 200
E ~ ~ N/A

Format

0.01M TBS(pH7.4), 0.09% (W/V) sodium azide and 50% Glyce

Storage

Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

CDC2L5 Polyclonal Antibody - Protein Information**Name** CDK13**Synonyms** CDC2L, CDC2L5, CHED, KIAA1791**Function**

Cyclin-dependent kinase which displays CTD kinase activity and is required for RNA splicing. Has CTD kinase activity by hyperphosphorylating the C-terminal heptapeptide repeat domain (CTD) of the largest RNA polymerase II subunit RPB1, thereby acting as a key regulator of transcription elongation. Required for RNA splicing, probably by phosphorylating SRSF1/SF2. Required during hematopoiesis. In case of infection by HIV-1 virus, interacts with HIV-1 Tat protein acetylated at 'Lys-50' and 'Lys-51', thereby increasing HIV-1 mRNA splicing and promoting the production of the doubly spliced HIV-1 protein Nef.

Cellular Location

Nucleus speckle.

Tissue Location

Expressed in fetal brain, liver, muscle and in adult brain. Also expressed in neuroblastoma and glioblastoma tumors

CDC2L5 Polyclonal 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](#)

CDC2L5 Polyclonal Antibody - Images