
Product Name: CdcA4 Rabbit Polyclonal Antibody**Catalog #: APRab08533**

For research use only.

Summary

Description	Rabbit polyclonal Antibody
Host	Rabbit
Application	WB,IHC,ICC/IF,ELISA
Reactivity	Human,Mouse
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
Purification	Affinity purification

Application

Dilution Ratio	WB 1:500-1:2000,IHC 1:100-1:300,ICC/IF 1:200-1:1000,ELISA 1:5000-1:10000
Molecular Weight	26kDa

Antigen Information

Gene Name	CDCA4
Alternative Names	CDCA4; HEPP; Cell division cycle-associated protein 4; Hematopoietic progenitor protein
Gene ID	55038.0
SwissProt ID	Q9BXL8
Immunogen	The antiserum was produced against synthesized peptide derived from human CDCA4. AA range:121-170

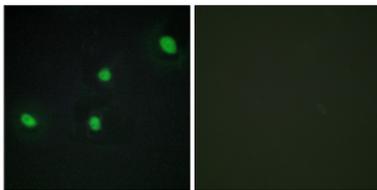
Background

cell division cycle associated 4(CDCA4) Homo sapiens This gene encodes a protein that belongs to the E2F family of

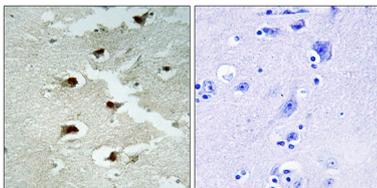
transcription factors. This protein regulates E2F-dependent transcriptional activation and cell proliferation, mainly through the E2F/retinoblastoma protein pathway. It also functions in the regulation of JUN oncogene expression. This protein shows distinctive nuclear-mitotic apparatus distribution, it is involved in spindle organization from prometaphase, and may also play a role as a midzone factor involved in chromosome segregation or cytokinesis. Two alternatively spliced transcript variants encoding the same protein have been noted for this gene. Two pseudogenes have also been identified on chromosome 1. [provided by RefSeq, May 2014],function:May participate in the regulation of cell proliferation through the E2F/RB pathway. May be involved in molecular regulation of hematopoietic stem cells and progenitor cell lineage commitment and differentiation.,induction:By E2F1.,similarity:Contains 1 SERTA domain.,tissue specificity:Highest levels of expression in the pancreas, thymus, testis, spleen, liver, placenta and leukocytes. Relatively low levels in the lung, kidney, prostate, ovary, small intestine and colon. Hardly detectable, if at all, in the brain, skeletal muscle and heart,.

Research Area

Image Data



Immunofluorescence analysis of HepG2 cells, using CDCA4 Antibody. The picture on the right is blocked with the synthesized peptide.



Immunohistochemistry analysis of paraffin-embedded human brain tissue, using CDCA4 Antibody. The picture on the right is blocked with the synthesized peptide.