

For Research Use Only

# CDCA4 Polyclonal antibody

Catalog Number: 11625-1-AP

Featured Product

7 Publications



## Basic Information

**Catalog Number:**

11625-1-AP

**Size:**

150ul, Concentration: 600 µg/ml by Nanodrop and 447 µg/ml by Bradford method using BSA as the standard;

**Source:**

Rabbit

**Isotype:**

IgG

**Immunogen Catalog Number:**

AG2214

**GenBank Accession Number:**

BC025263

**GeneID (NCBI):**

55038

**UNIPROT ID:**

Q9BXL8

**Full Name:**

cell division cycle associated 4

**Calculated MW:**

241 aa, 26 kDa

**Observed MW:**

33 kDa

**Purification Method:**

Antigen affinity purification

**Recommended Dilutions:**

WB 1:500-1:3000

## Applications

**Tested Applications:**

WB, ELISA

**Cited Applications:**

CoIP, IF, IP, WB

**Species Specificity:**

human, mouse

**Cited Species:**

human, mouse

**Positive Controls:**

WB : HEK-293 cells, HeLa cells, MCF-7 cells, PC-3 cells

## Background Information

TRIP-BR proteins are a set of proteins with the potential to function in both transcriptional control and cell cycle regulation [PMID:18572021]. CECA4 is a member of TRIP-br family, based on its homologous sequence motifs including SERTA and a PHD-bromo-binding site which interacts with a series of bromodomain containing transcriptional cofactors [PMID:17141982]. When activated by E2F, CDCA4 consequently functions as a suppressor of E2F-responsive promoters to participate the regulation of cell proliferation through the E2F/pRb pathway [PMID:16098148].

## Notable Publications

Author	Pubmed ID	Journal	Application
Jianlong Tan	36185189	Front Oncol	WB
Honghai Xia	27725724	Sci Rep	IF
Ulf Klein	20060366	Cancer Cell	WB

## Storage

**Storage:**

Store at -20°C. Stable for one year after shipment.

**Storage Buffer:**

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

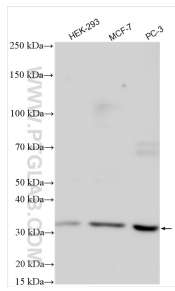
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 11625-1-AP (CDCA4 antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours.