

For Research Use Only

# CDCA4 Polyclonal antibody

Catalog Number: 11625-1-AP

Featured Product

8 Publications



## Basic Information

Catalog Number:

11625-1-AP

Size:

150ul, Concentration: 600 ug/ml by Nanodrop and 447 ug/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:

WB, IHC, IF, IP, CoIP

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

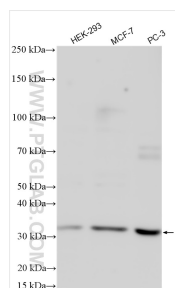
For technical support and original validation data for this product please contact:

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

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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.