

For Research Use Only

CDCA4 Polyclonal antibody

Catalog Number: 11625-1-AP

Featured Product

7 Publications



Basic Information

Catalog Number:

11625-1-AP

Size:

600 µg/ml

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, IP, IF, 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

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

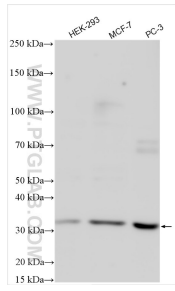
T: 4006900926

E: Proteintech-CN@ptglab.com

W: ptgcn.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

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.