

For Research Use Only

CTC1 Polyclonal antibody

Catalog Number: 28268-1-AP

Featured Product



Basic Information

Catalog Number:

28268-1-AP

Size:

450 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG28167

GenBank Accession Number:

BC111783

GeneID (NCBI):

80169

UNIPROT ID:

Q2NKJ3

Full Name:

chromosome 17 open reading frame

68

Calculated MW:

1217 aa, 135 kDa

Observed MW:

135-150 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:3000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

Human

Positive Controls:

WB : A549 cells, HeLa cells, K562 cells

Background Information

Conserved telomere maintenance component 1 (CTC1) is a subunit of an alpha accessory factor (AAF) that stimulates the activity of DNA polymerase-alpha-primase, the enzyme that initiates DNA replication (PMID: 19119139). CTC1 also functions in a telomere-associated complex with STN1 and TEN1 (PMID: 19854130).

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:

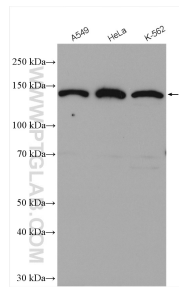
T: 4006900926

E: Proteintech-CN@ptglab.com

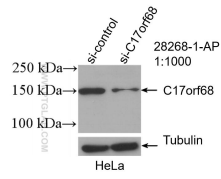
W: ptgcn.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 28268-1-AP (C17orf68 antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours.



WB result of C17orf68 antibody (28268-1-AP; 1:1000; incubated at room temperature for 1.5 hours) with sh-Control and sh-C17orf68 transfected HeLa cells.