

For Research Use Only

CNTD2 Polyclonal antibody

Catalog Number: 31588-1-AP

Featured Product



Basic Information

Catalog Number:

31588-1-AP

Size:

600 ug/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG36380

GenBank Accession Number:

NM_024877

GeneID (NCBI):

79935

UNIPROT ID:

Q9H8S5

Full Name:

cyclin N-terminal domain containing

2

Calculated MW:

33kDa

Observed MW:

25 kDa

Purification Method:

Antigen affinity Purification

Recommended Dilutions:

WB 1:500-1:2000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human

Positive Controls:

WB : HepG2 cells,

Background Information

CNTD2, also known as Cyclin N-terminal domain containing 2 or CCNP, is a protein that has been implicated in cancer cell proliferation and migration, particularly in colon and lung cancers. It is an atypical cyclin that contains a cyclin box domain, which is a characteristic feature of cyclin-dependent kinase (CDK) binding partners. CNTD2 is considered an atypical cyclin due to its structural specificities, which were revealed through the human genome sequence project (PMID: 30087414). The apparent molecular mass measured by SDS-PAGE is 25 kDa.

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:

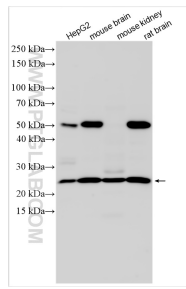
T: 4006900926

E: Proteintech-CN@ptglab.com

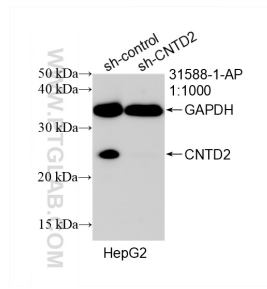
W: ptgcn.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 31588-1-AP (CNTD2 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



WB result of CNTD2 antibody (31588-1-AP; 1:1000; incubated at room temperature for 1.5 hours) with sh-Control and sh-CNTD2 transfected HepG2 cells.