

For Research Use Only

C9orf41/CARNMT1 Polyclonal antibody

Catalog Number: 24068-1-AP

Featured Product

1 Publications



Basic Information

Catalog Number:

24068-1-AP

Size:

550 ug/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG21268

GenBank Accession Number:

BC034033

GeneID (NCBI):

138199

UNIPROT ID:

Q8N4J0

Full Name:

chromosome 9 open reading frame 41

Calculated MW:

409 aa, 47 kDa

Observed MW:

47 kDa

Purification Method:

Antigen Affinity purified

Recommended Dilutions:

WB 1:500-1:2000

IF/ICC 1:200-1:800

Applications

Tested Applications:

WB, IF/ICC, ELISA

Cited Applications:

WB

Species Specificity:

human

Cited Species:

mouse

Positive Controls:

WB : HepG2 cells, HeLa cells, MCF-7 cells

IF/ICC : HepG2 cells,

Background Information

The enzyme CARNMT1 (carnosine N-methyltransferase 1, also known as C9orf41), conserved from yeast to human, was identified as an N1 position-specific methyltransferase that catalyzes the conversion of carnosine to anserine (β -alanyl-N- π -methyl-L-histidine).

Notable Publications

Author	Pubmed ID	Journal	Application
Tadahiro Shimazu	37612136	Genes Dev	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:

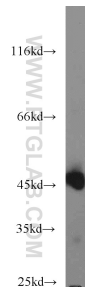
T: 4006900926

E: Proteintech-CN@ptglab.com

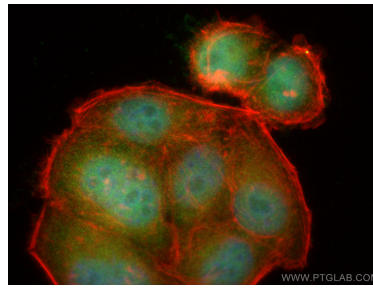
W: ptgcn.com

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Selected Validation Data



HepG2 cells were subjected to SDS PAGE followed by western blot with 24068-1-AP (C9orf41/CARNMT1 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using C9orf41/CARNMT1 antibody (24068-1-AP) at dilution of 1:400 and Multi-rAb CoraLite® Plus 488-Goat Anti-Rabbit Recombinant Secondary Antibody (H+L) (RGAR002), CL594-phalloidin (red).