

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:

150ul, Concentration: 400 ug/ml by Nanodrop and 267 ug/ml by Bradford method using BSA as the standard;

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

*** 20ul sizes contain 0.1% BSA

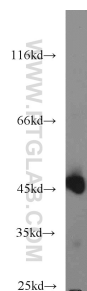
For technical support and original validation data for this product please contact:

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

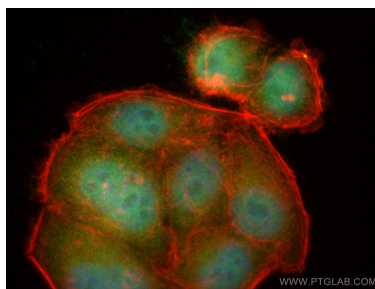
E: proteintech@ptglab.com
W: ptglab.com

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

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).