

For Research Use Only

# C9orf41/CARNMT1 Polyclonal antibody



Catalog Number: 24068-1-AP

1 Publications

## Basic Information

<b>Catalog Number:</b> 24068-1-AP	<b>GenBank Accession Number:</b> BC034033	<b>Purification Method:</b> Antigen Affinity purified
<b>Size:</b> 150ul , Concentration: 400 µg/ml by Nanodrop and 267 µg/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 138199	<b>Recommended Dilutions:</b> WB 1:500-1:2000
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q8N4J0	
<b>Isotype:</b> IgG	<b>Full Name:</b> chromosome 9 open reading frame 41	
<b>Immunogen Catalog Number:</b> AG21268	<b>Calculated MW:</b> 409 aa, 47 kDa	
	<b>Observed MW:</b> 47 kDa	

## Applications

<b>Tested Applications:</b> WB, ELISA	<b>Positive Controls:</b> WB : HepG2 cells, HeLa cells, MCF-7 cells
<b>Cited Applications:</b> WB	
<b>Species Specificity:</b> human	
<b>Cited Species:</b> mouse	

## 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 ( $\beta$ -alanyl-N- $\pi$ -methyl-L-histidine).

## Notable Publications

Author	Pubmed ID	Journal	Application
Tadahiro Shimazu	37612136	Genes Dev	WB

## Storage

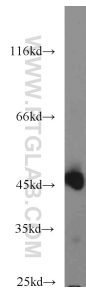
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

\*\*\* 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

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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.