

For Research Use Only

# CARNS1 Polyclonal antibody

Catalog Number: 25725-1-AP **2 Publications**



## Basic Information

<b>Catalog Number:</b> 25725-1-AP	<b>GenBank Accession Number:</b> BC036557	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 750 µg/ml	<b>GeneID (NCBI):</b> 57571	<b>Recommended Dilutions:</b> WB 1:1000-1:5000 IHC 1:400-1:1600
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> A5YM72	
<b>Isotype:</b> IgG	<b>Full Name:</b> ATP-grasp domain containing 1	
<b>Immunogen Catalog Number:</b> AG22812	<b>Calculated MW:</b> 827 aa, 88 kDa	
	<b>Observed MW:</b> 88-103 kDa	

## Applications

<b>Tested Applications:</b> IHC, WB, ELISA	<b>Positive Controls:</b>
<b>Cited Applications:</b> WB	WB : mouse skeletal muscle tissue, rat skeletal muscle tissue
<b>Species Specificity:</b> human, mouse, rat	IHC : mouse liver tissue,
<b>Cited Species:</b> rat	
<b>Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0</b>	

## Background Information

### Notable Publications

Author	Pubmed ID	Journal	Application
Nathan d'Adesky	33130995	Transl Stroke Res	WB
Krzysztof Milewski	26801175	Neurochem Res	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:

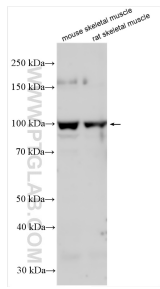
T: 4006900926

E: Proteintech-CN@ptglab.com

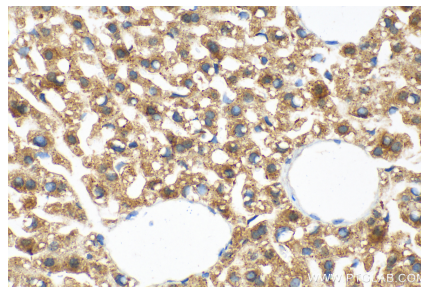
W: ptgcn.com

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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 25725-1-AP (CARNs1 antibody) at dilution of 1:2500 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded mouse liver tissue slide using 25725-1-AP (CARNs1 antibody) at dilution of 1:800 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).