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## anti-CARNS1 antibody (AA 623-826)





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	IV/E	۱/۱۲	$I \cap V$

Quantity:	100 μL
Target:	CARNS1
Binding Specificity:	AA 623-826
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CARNS1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

#### **Product Details**

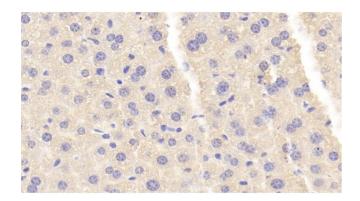
Purpose:	Polyclonal Antibody to Carnosine Synthase 1 (CARNS1)
Immunogen:	Recombinant Carnosine Synthase 1 (CARNS1) corresdonding to Ala623~Phe826 with N-terminal His Tag
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against CARNS1. It has been selected for its ability to recognize CARNS1 in immunohistochemical staining and western blotting.
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

## Target Details

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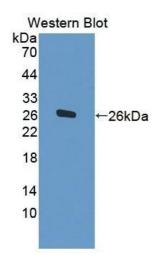
## **Target Details**

Alternative Name:	Carnosine Synthase 1 (CARNS1 Products)
Background:	ATPGD1, ATP-Grasp Domain Containing 1
Application Details	
Application Notes:	Western blotting: 0.5-2 μg/mL
	Immunohistochemistry: 5-20 μg/mL
	Immunocytochemistry: 5-20 μg/mL
	Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated
	thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious
	degradation and precipitation were observed. The loss rate is less than 5% within the expiration
	date under appropriate storage condition.
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Buffer:	0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 50 % glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be
	handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without
	detectable loss of activity. Avoid repeated freeze-thaw cycles.
Expiry Date:	24 months



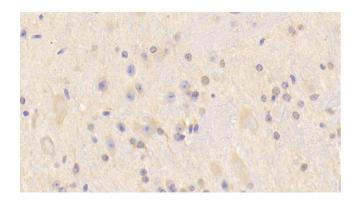
#### **Immunohistochemistry**

**Image 1.** Detection of CARNS1 in Mouse Liver Tissue using Polyclonal Antibody to Carnosine Synthase 1 (CARNS1)



#### **Western Blotting**

Image 2. Detection of Recombinant CARNS1, Mouse using Polyclonal Antibody to Carnosine Synthase 1 (CARNS1)



### **Immunohistochemistry**

Image 3. Detection of CARNS1 in Mouse Cerebrum Tissue using Polyclonal Antibody to Carnosine Synthase 1 (CARNS1)