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# Datasheet for ABIN6257073 anti-CPN1 antibody (C-Term)

2 Images



#### Overview

Quantity:	100 µL
Target:	CPN1
Binding Specificity:	C-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CPN1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunocytochemistry (ICC), Immunofluorescence (IF)

## Product Details

Immunogen:	A synthesized peptide derived from human CPN1, corresponding to a region within C-terminal amino acids.
Isotype:	lgG
Specificity:	CPN1 Antibody detects endogenous levels of total CPN1.
Purification:	The antiserum was purified by peptide affinity chromatography using SulfoLink <sup>TM</sup> Coupling Resin (Thermo Fisher Scientific).

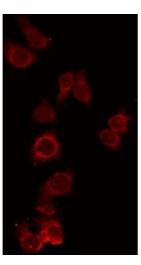
### Target Details

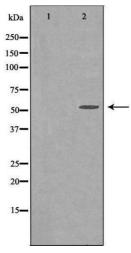
Target:	CPN1
Alternative Name:	CPN1 (CPN1 Products)

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Target Details	
Background:	Description: Protects the body from potent vasoactive and inflammatory peptides containing C- terminal Arg or Lys (such as kinins or anaphylatoxins) which are released into the circulation. Gene: CPN1
Molecular Weight:	52 kDa
Gene ID:	1369
UniProt:	P15169
Pathways:	Metabolism of Steroid Hormones and Vitamin D, Steroid Hormone Biosynthesis, Peptide Hormone Metabolism, Regulation of Systemic Arterial Blood Pressure by Hormones, C21- Steroid Hormone Metabolic Process
Application Details	
Application Notes:	WB 1:500-1:1000, IF/ICC 1:100-1:500, ELISA(peptide) 1:20000-1:40000
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	1 mg/mL
Buffer:	Rabbit IgG in phosphate buffered saline , pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20 °C. Stable for 12 months from date of receipt.
Expiry Date:	12 months

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#### Immunofluorescence (fixed cells)

**Image 1.** ABIN6274971 staining RAW264.7 by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100,then blocked in 10% serum for 45 minutes at 25jãC. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37jãC. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary antibod

#### Western Blotting

**Image 2.** Western blot analysis of extracts from RAW264.7 cells, using CPN1 antibody.,The lane on the left is treated with the antigen-specific peptide.

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