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# Datasheet for ABIN7435988 anti-CPN1 antibody (AA 159-325)

4 Images



### Overview

| Quantity:            | 100 µL  |
|----------------------|---|
| Target:              | CPN1  |
| Binding Specificity: | AA 159-325  |
| Reactivity:          | Human   |
| Host:                | Rabbit  |
| Clonality:           | Polyclonal  |
| Conjugate:           | This CPN1 antibody is un-conjugated   |
| Application:         | Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP),<br>Immunocytochemistry (ICC) |

## Product Details

| Purpose:          | Polyclonal Antibody to Carboxypeptidase N1 (CPN1)  |
|-------------------|--|
| Immunogen:        | Recombinant Carboxypeptidase N1 (CPN1) corresdonding to Leu159~Leu325 with N-terminal His Tag  |
| Isotype:          | lgG  |
| Specificity:      | The antibody is a rabbit polyclonal antibody raised against CPN1. It has been selected for its ability to recognize CPN1 in immunohistochemical staining and western blotting. |
| Cross-Reactivity: | Mouse, Rat   |
| Purification:     | Antigen-specific affinity chromatography followed by Protein A affinity chromatography   |

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## Target Details

| Target:           | CPN1   |
|-------------------|--|
| Alternative Name: | Carboxypeptidase N1 (CPN1 Products)  |
| Background:       | CPN, SCPN, ACBP, Anaphylatoxin inactivator, Arginine carboxypeptidase, Kininase-1, Lysine carboxypeptidase, Plasma carboxypeptidase B, Serum carboxypeptidase N  |
| Pathways:         | Metabolism of Steroid Hormones and Vitamin D, Steroid Hormone Biosynthesis, Peptide<br>Hormone Metabolism, Regulation of Systemic Arterial Blood Pressure by Hormones, C21-<br>Steroid Hormone Metabolic Process |

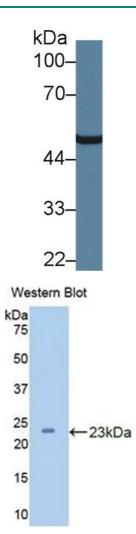
## Application Details

| Application Notes: | Western blotting: 0.5-2 µg/mL  |
|--------------------|--|
|                    | 1:160-660 Immunohistochemistry: 5-20 µg/mL   |
|                    | 1:16-66 Immunocytochemistry: 5-20 µg/mL  |
|                    | 1:16-66 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 $37^\circ$ 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:            | PBS, pH 7.4, containing 0.02 % Sodium azide, 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:           | 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   |

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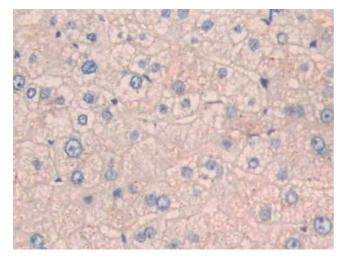


#### Western Blotting

**Image 1.** Detection of CPN1 in Human Raji cell lysate using Polyclonal Antibody to Carboxypeptidase N1 (CPN1)

#### Western Blotting

**Image 2.** Detection of Recombinant CPN1, Human using Polyclonal Antibody to Carboxypeptidase N1 (CPN1)



#### Immunohistochemistry

**Image 3.** Detection of CPN1 in Human Liver Tissue using Polyclonal Antibody to Carboxypeptidase N1 (CPN1)

Please check the product details page for more images. Overall 4 images are available for ABIN7435988.

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