Datasheet for ABIN1534736

# anti-CPN1 antibody (AA 409-458)

1 Image

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## Overview

| | |
|---|---|
| Quantity: | 100 µL |
| Target: | CPN1 |
| Binding Specificity: | AA 409-458 |
| Reactivity: | Human |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This CPN1 antibody is un-conjugated |
| Application: | Western Blotting (WB), ELISA |

## Product Details

| | |
|---|---|
| Immunogen: | The antiserum was produced against synthesized peptide derived from human CPN1. |
| Isotype: | IgG |
| Specificity: | CPN1 Antibody detects endogenous levels of total CPN1 protein. |
| Purification: | The antibody was purified from rabbit antiserum by affinity-chromatography using immunogen. |
| Purity: | > 95 % |

## Target Details

| | |
|---|---|
| Target: | CPN1 |
| Alternative Name: | CPN1 (CPN1 Products) |
| Background: | Synonyms: Carboxypeptidase N catalytic chain, CPN, Carboxypeptidase N polypeptide 1, |

## Target Details

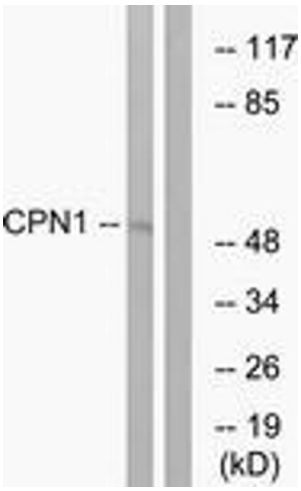
| | |
|---|---|
| | Carboxypeptidase N small subunit, Lysine carboxypeptidase, Arginine carboxypeptidase, Kininase-1, Serum carboxypeptidase N, SCPN, Anaphylatoxin inactivator, Plasma carboxypeptidase<br>NCBI Gene Symbol: CBPN |
| Molecular Weight: | 52 kDa |
| Gene ID: | 1369 |
| OMIM: | 603103 |
| 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 ELISA: 1:20000 |
| Comment: | Unigene-Number: Hs.2246 (NCBI Gene Symbol: CBPN) |
| Restrictions: | For Research Use only |

## Handling

| | |
|---|---|
| Format: | Liquid |
| Concentration: | 1 mg/mL |
| Buffer: | phosphate buffered saline (without Mg2+ and Ca2+), 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: | Stable at -20°C for at least 1 year. |
| Expiry Date: | 12 months |




**Western Blotting**

**Image 1.** Western blot analysis of extracts from RAW264.7 cells, using CPN1 Antibody. The lane on the right is treated with the synthesized peptide.