Datasheet for ABIN7439192

anti-CPN1 antibody (AA 221-449)

1 Image

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Overview

Quantity:	100 µL
Target:	CPN1
Binding Specificity:	AA 221-449
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CPN1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Polyclonal Antibody to Carboxypeptidase N1 (CPN1)
Immunogen:	Recombinant Carboxypeptidase N1 (CPN1) corresdonding to Val221~Ala449 with N-terminal His and GST Tag
Isotype:	IgG
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.
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Target Details

Target:	CPN1

Target Details

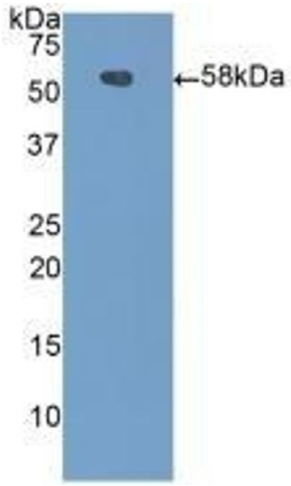
Alternative Name:	Carboxypeptidase N1 (CPN1 Products)
Background:	CPN, SCPN, ACBP, Anaphylatoxin inactivator, Arginine carboxypeptidase, Kininase-1, Lysine carboxypeptidase, Plasma carboxypeptidase B, Serum carboxypeptidase N
Pathways:	Metabolism of Steroid Hormones and Vitamin D, Steroid Hormone Biosynthesis,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

Application Details

Application Notes:	Western blotting: 0.5-2 µg/mL Immunocytochemistry in formalin fixed cells: 5-20 µg/mL Immunohistochemistry in formalin fixed frozen section: 5-20 µg/mL Immunohistochemistry in paraffin section: 5-20 µg/mL Enzyme-linked Immunosorbent Assay: 0.05-2 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



Western Blotting

Image 1. Detection of Recombinant CPN1, Mouse using Polyclonal Antibody to Carboxypeptidase N1 (CPN1)