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# Datasheet for ABIN7435985 anti-CPE antibody (AA 318-476)

4 Images



## Overview

Quantity:	100 µL
Target:	CPE
Binding Specificity:	AA 318-476
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CPE antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunocytochemistry (ICC), Immunohistochemistry (Frozen Sections) (IHC (fro))

## Product Details

Purpose:	Polyclonal Antibody to Carboxypeptidase E (CPE)
Immunogen:	Recombinant Carboxypeptidase E (CPE) corresdonding to Ala318~Phe476 (Accession # P16870)
lsotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against CPE. It has been selected for its ability to recognize CPE in immunohistochemical staining and western blotting.
Cross-Reactivity:	Mouse, Pig, Rat
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

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## Target Details

Target:	CPE
Alternative Name:	Carboxypeptidase E (CPE Products)
Background:	CPH, Enkephalin Convertase, Carboxypeptidase H, Prohormone-processing carboxypeptidase
Pathways:	Peptide Hormone Metabolism, Synaptic Membrane
Application Details	
Application Notes:	Western blotting: 1-5 $\mu$ g/mL Immunocytochemistry in formalin fixed cells: 5-20 $\mu$ g/mL
	Immunohistochemistry in formalin fixed frozen section: 5-20 $\mu$ g/mL Immunohistochemistry in
	paraffin section: 5-20 µg/mL Enzyme-linked Immunosorbent Assay: 0.05-2 µg/mL Optimal

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.

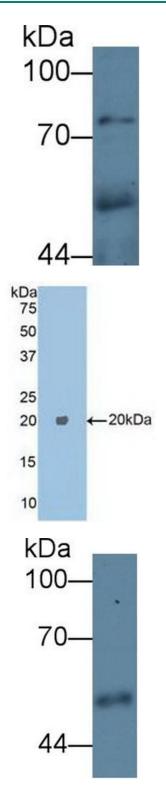
working dilutions must be determined by end user.

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 CPE in Rat Cerebrum lysate using Polyclonal Antibody to Carboxypeptidase E (CPE)

### Western Blotting

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

#### Western Blotting

**Image 3.** Detection of CPE in Human Urine using Polyclonal Antibody to Carboxypeptidase E (CPE)

Please check the product details page for more images. Overall 4 images are available for ABIN7435985.

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