

Datasheet for ABIN7440203  
**anti-CTH antibody (AA 14-224)**



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4 Images

## Overview

Quantity:	100 µL
Target:	CTH
Binding Specificity:	AA 14-224
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CTH antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

## Product Details

Purpose:	Polyclonal Antibody to Gamma-cystathionase (CTH)
Immunogen:	Recombinant Cystathionine (CTH) corresponding to Phe14~Val224 with N-terminal His Tag
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against CTH. It has been selected for its ability to recognize CTH in immunohistochemical staining and western blotting.
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

## Target Details

Target:	CTH
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## Target Details

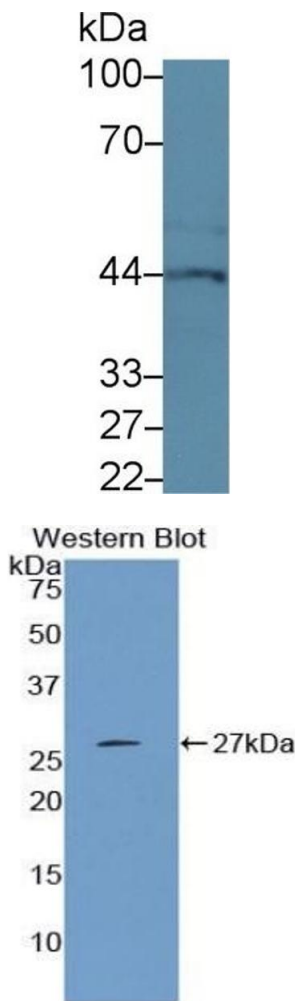
Alternative Name:	Gamma-cystathionase ( <a href="#">CTH Products</a> )
Background:	CSE, Cystathionase, Cysteine-protein sulfhydrase, Gamma-cystathionase
UniProt:	<a href="#">Q8VCN5</a>
Pathways:	<a href="#">ER-Nucleus Signaling</a> , <a href="#">Warburg Effect</a>

## Application Details

Application Notes:	Western blotting: 0.5-2 µg/mL,1:200-800,Immunohistochemistry: 5-20 µg/mL,1:20-80,Immunocytochemistry: 5-20 µg/mL,1:20-80,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
Concentration:	0.4 mg/mL
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**

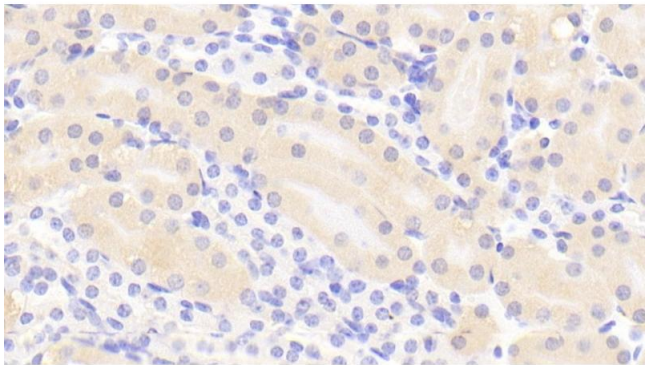
**Image 1.** Detection of CTH in Mouse Kidney lysate using Polyclonal Antibody to Cystathionine (CTH)

**Western Blotting**

**Image 2.** Detection of Recombinant CTH, Mouse using Polyclonal Antibody to Cystathionine (CTH)

**Immunohistochemistry**

**Image 3.** Detection of CTH in Mouse Kidney Tissue using Polyclonal Antibody to Cystathionine (CTH)



Please check the [product details page](#) for more images. Overall 4 images are available for ABIN7440203.