

Datasheet for ABIN7433750
anti-CTH antibody (AA 163-382)



[Go to Product page](#)

5 Images

Overview

Quantity:	100 µL
Target:	CTH
Binding Specificity:	AA 163-382
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CTH antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Purpose:	Polyclonal Antibody to Gamma-cystathionase (CTH)
Immunogen:	Recombinant Cystathionine (CTH) corresponding to Thr163~Asp382 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.
Cross-Reactivity:	Pig
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Target Details

Target:	CTH
---------	-----

Target Details

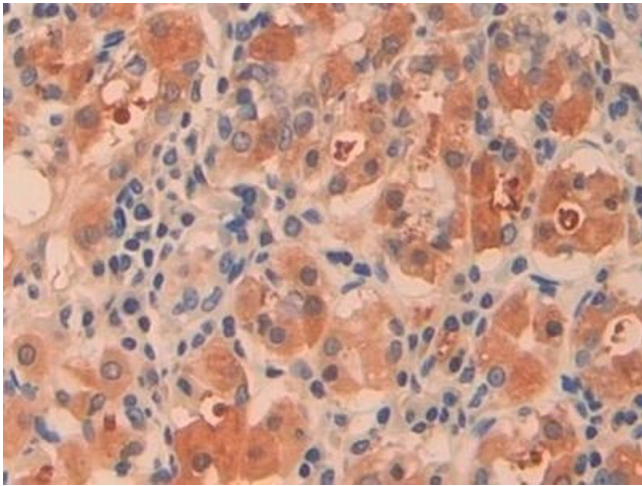
Alternative Name:	Gamma-cystathionase (CTH Products)
Background:	CSE, Cystathionase, Cysteine-protein sulfhydrase, Gamma-cystathionase
UniProt:	P32929
Pathways:	ER-Nucleus Signaling , Warburg Effect

Application Details

Application Notes:	Western blotting: 0.01-2 µg/mL, Immunohistochemistry: 5-20 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

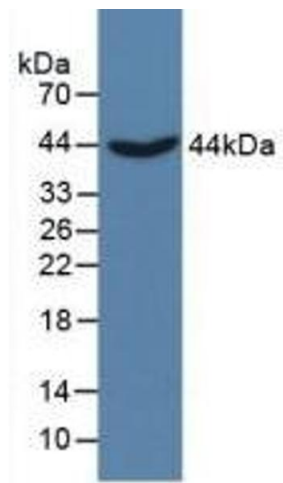
Handling

Format:	Liquid
Concentration:	0.24 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



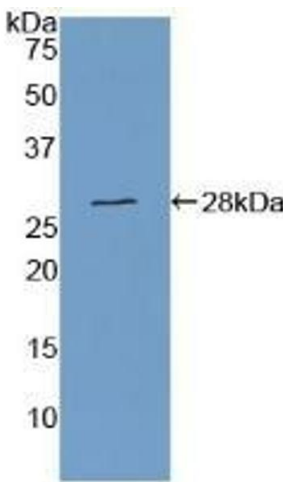
Immunohistochemistry

Image 1. Detection of CTH in Human Stomach Tissue using Polyclonal Antibody to Cystathionine (CTH)



Western Blotting

Image 2. Detection of CTH in Porcine Liver Tissue using Polyclonal Antibody to Cystathionine (CTH)



Western Blotting

Image 3. Detection of Recombinant CSE, Human using Polyclonal Antibody to Cystathionine (CTH)

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN7433750.