

Datasheet for ABIN7266614

anti-CTH antibody**1** Image[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	CTH
Reactivity:	Human
Host:	Rabbit
Clonality:	Monoclonal
Conjugate:	This CTH antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Purpose:	Cystathionase/CTH Rabbit mAb
Immunogen:	A synthesized peptide derived from human Cystathionase/CTH
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Monoclonal Antibodies
Purification:	Affinity purification

Target Details

Target:	CTH
Alternative Name:	CTH (CTH Products)
Background:	This gene encodes a cytoplasmic enzyme in the trans-sulfuration pathway that converts

Target Details

cystathione derived from methionine into cysteine. Glutathione synthesis in the liver is dependent upon the availability of cysteine. Mutations in this gene cause cystathioninuria. Alternative splicing of this gene results in three transcript variants encoding different isoforms. [provided by RefSeq, Jun 2010],CTH, cystathionine gamma-lyase,Amino acid metabolism,Endocrine & Metabolism,Signal Transduction,CTH

Molecular Weight: 42kDa

Gene ID: 1491

UniProt: [P32929](#)

Pathways: [ER-Nucleus Signaling](#), [Warburg Effect](#)

Application Details

Application Notes: WB,1:500 - 1:2000

Restrictions: For Research Use only

Handling

Format: Liquid

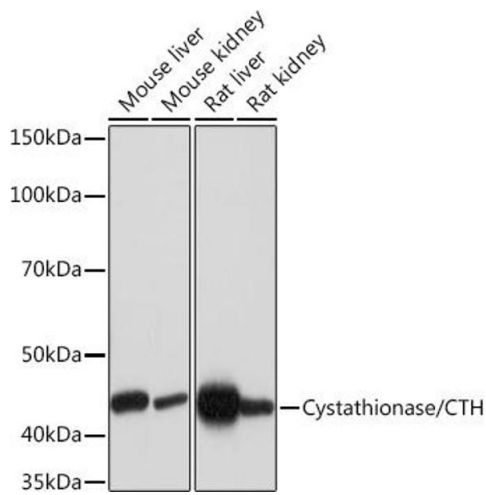
Buffer: PBS with 0.02 % sodium azide,0.05 % BSA,50 % glycerol, pH 7.3.

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: Store at -20°C. Avoid freeze / thaw cycles.



Western Blotting

Image 1. Western blot analysis of extracts of various cell lines, using Cystathionase/CTH Rabbit mAb (ABIN7266614) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 3 min.