

Rabbit CTH Polyclonal Antibody | anti-CTH antibody

CTH antibody - N-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA199649	Rabbit	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Pig, Rabbit, Rat, Zebrafish	Western Blot

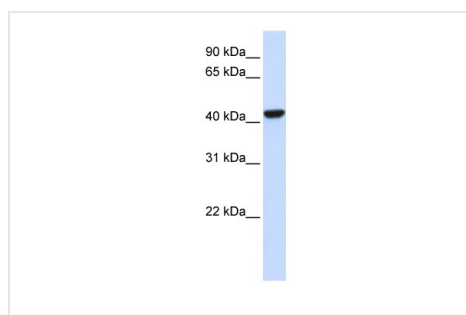
PRODUCT SYNONYMS

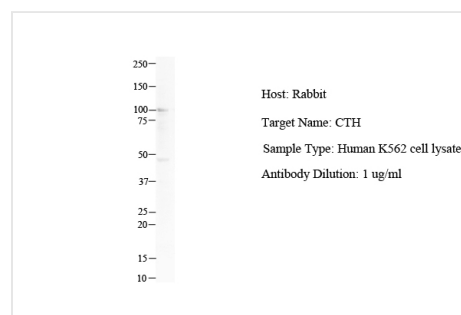
CTH; Polyclonal Antibody; CTH antibody - N-terminal region; anti-CTH antibody

PRODUCT SPECIFICATIONS

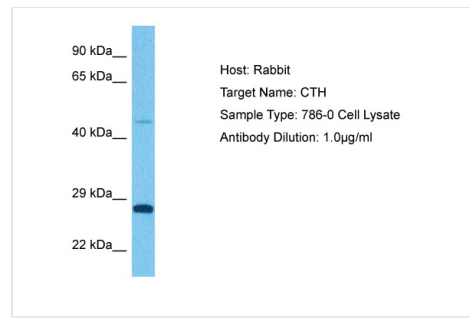
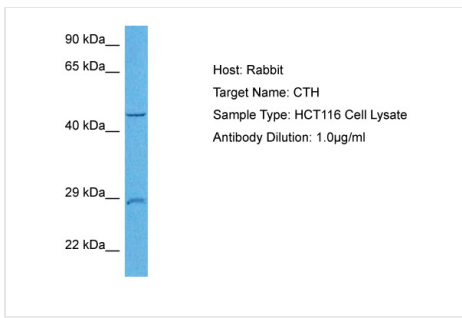
Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Pig, Rabbit, Rat, Zebrafish
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: VP PISLSTTFKQ GAPGQHSGFE YSRSGNPTRN CLEKAVAALD GAKYCLAF
Sequence Length	405
Applicable Applications for anti-CTH antibody	WB (Western Blot)
Homology	Cow: 100%; Dog: 100%; Guinea Pig: 93%; Horse: 92%; Human: 100%; Mouse: 100%; Pig: 100%; Rabbit: 100%; Rat: 100%; Zebrafish: 100%
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human CTH
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES


WB (Western Blot)

WB Suggested Anti-CTH Antibody Titration: 0.2-1 ug/ml
ELISA Titer: 1:312500
Positive Control: Transfected 293T

WB (Western Blot)

Host: Rabbit
Target Name: CTH
Sample Type: Human K562 cell lysate
Antibody Dilution: 1.0ug/ml



WB (Western Blot)

Host: RabbitTarget Name: CTHSample Tissue: Human HCT116 Whole CellAntibody Dilution: 1ug/ml

WB (Western Blot)

Host: RabbitTarget Name: CTHSample Tissue: Human 786-0 Whole CellAntibody Dilution: 1ug/ml

ADDITIONAL INFORMATION

Related Product Information for anti-CTH antibody	This is a rabbit polyclonal antibody against CTH. It was validated on Western Blot using a cell lysate as a positive control. Target Description: CTH is a cytoplasmic enzyme in the trans-sulfuration pathway that converts cystathione derived from methionine into cysteine. Glutathione synthesis in the liver is dependent upon the availability of cysteine. Mutations in its gene cause cystathioninuria. This gene encodes a cytoplasmic enzyme in the trans-sulfuration pathway that converts 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 two transcript variants encoding different isoforms.
Product Categories/Family for anti-CTH antibody	Polyclonal; Drugs and Drug Metabolism; Disease Related

NCBI AND UNIPROT INFORMATION

NCBI GI #	21361334
NCBI GeneID	1491
NCBI Accession #	NP_001893
NCBI GenBank Nucleotide #	NM_001902
UniProt Accession #	P32929
Molecular Weight	44kDa
NCBI Official Full Name	cystathionine gamma-lyase isoform 1
NCBI Official Synonym Full Names	cystathionine gamma-lyase
NCBI Official Symbol	CTH
NCBI Protein Information	cystathionine gamma-lyase
UniProt Protein Name	Cystathionine gamma-lyase
UniProt Gene Name	CTH
UniProt Entry Name	CGL_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.