

Rabbit Cystathionase Polyclonal Antibody | anti-CTH antibody

Anti-Cystathionase antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA45171	Rabbit	Human, Mouse, Rat	Immunohistochemistry, Western Blot

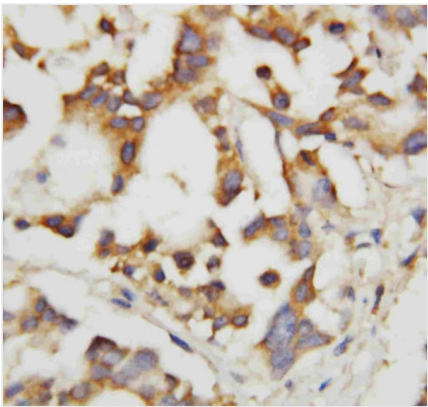
PRODUCT SYNONYMS

Cystathionase; Polyclonal Antibody; Anti-Cystathionase antibody; Cystathionine gamma-lyase; cystathionase(cystathionine gamma-lyase); CGL_HUMAN antibody; CTH antibody; cystathionase(cystathionine gamma-lyase) antibody; Cystathionine gamma lyase antibody; Cystathionine gamma-lyase antibody; Cysteine desulphydrase antibody; Gamma cystathionase antibody; Gamma-cystathionase antibody; Homoserine deaminase antibody; Homoserine dehydratase antibody; MGC9471 antibody; anti-CTH antibody

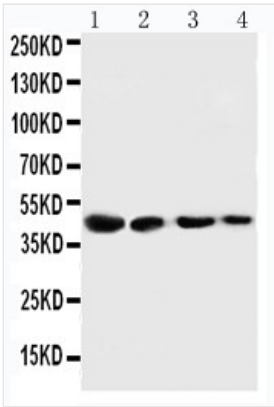
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized
Sequence Length	405
Applicable Applications for anti-CTH antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic peptide corresponding to a sequence at the C-terminus of human Cystathionase (316-331aa FYIKGTLQHAEIFLKN), different from the related mouse and rat sequences by two amino acids.
Contents	Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na ₂ HPO ₄ , 0.05mg Thimerosal, 0.05mg NaN ₃ .
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Preparation and Storage	At -20 degree C for one year. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen at -20 degree C for a longer time. Avoid repeated freezing and thawing.

IMAGES



IHC (Immunohistochemistry)
Anti-Cystathionase antibody, AAA45171, IHC(P)IHC(P): Human Liver Tissue



WB (Western Blot)
Anti-Cystathionase antibody, AAA45171, Western blottingLane 1: SMMC Cell LysateLane 2: HT180 Cell LysateLane 3: HELA Cell LysateLane 4: U87 Cell Lysate

ADDITIONAL INFORMATION

Related Product Information for anti-CTH antibody	Description: Rabbit IgG polyclonal antibody for Cystathionine gamma-lyase(CTH) detection. Tested with WB, IHC-P in Human, Mouse, Rat. Background: Cystathionine gamma-lyase(or cystathionase) is an enzyme which breaks down cystathionine into cysteine and alpha-ketobutyrate. The International Radiation Hybrid Mapping Consortium mapped the CTH gene to chromosome 1. The CTH gene had earlier been assigned to chromosome 16 by study of somatic cell hybrids. It is demonstrated that hydrogen sulfide(H2S) is physiologically generated by CTH.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	27735163
NCBI GeneID	1491
UniProt Accession #	P32929; Q53FB3; Q53Y79; Q9H4W7; Q9H4W8; B4E1R2; E9PDV0
Molecular Weight	41,260 Da
NCBI Official Full Name	Cystathionine gamma-lyase
NCBI Official Synonym Full Names	cystathionine gamma-lyase
NCBI Official Symbol	CTH
NCBI Protein Information	cystathionine gamma-lyase; gamma-cystathionase; homoserine deaminase; cysteine desulfhydrase; homoserine dehydratase; cysteine-protein sulfhydrase; cystathionase (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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/cystathionase-antibody-immunohistochemistry-western-blot-elisa/45171>