

Product datasheet for TA339247

9620 Medical Center Drive, Ste 200 Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com

CN: techsupport@origene.cn

OriGene Technologies, Inc.

Cystathionase (CTH) Rabbit Polyclonal Antibody

Product data:

Product Type: Primary Antibodies

Applications: WB

Recommended Dilution: WB

Reactivity: Human

Host: Rabbit

Isotype: IgG

Clonality: Polyclonal

Immunogen: The immunogen for anti-CTH antibody: synthetic peptide directed towards the N terminal of

human CTH. Synthetic peptide located within the following region: VPPISLSTTFKQGAPGQHSGFEYSRSGNPTRNCLEKAVAALDGAKYCLAF

Formulation: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2%

sucrose.

Note that this product is shipped as lyophilized powder to China customers.

Concentration: lot specific

Purification: Protein A purified

Conjugation: Unconjugated

Storage: Store at -20°C as received.

Stability: Stable for 12 months from date of receipt.

Predicted Protein Size: 44 kDa

Gene Name: cystathionine gamma-lyase

Database Link: NP 001893

Entrez Gene 1491 Human

P32929

Background: 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 three transcript variants encoding different

isoforms. [provided by RefSeq, Jun 2010]





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Synonyms: MGC9471

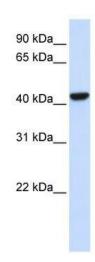
Note: Immunogen Sequence Homology: Dog: 100%; Pig: 100%; Rat: 100%; Human: 100%; Mouse:

100%; Bovine: 100%; Rabbit: 100%; Zebrafish: 100%; Guinea pig: 93%; Horse: 92%

Protein Pathways: Cysteine and methionine metabolism, Glycine, serine and threonine metabolism, Metabolic

pathways, Nitrogen metabolism, Selenoamino acid metabolism

Product images:



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