

CTH

Reactivity: Human Mouse Rat

Tested applications: WB IHC

Recommended Dilution: WB 1:500 - 1:2000 IHC 1:50 - 1:200

Calculated MW: 44kDa

Observed MW: Refer to Figures

Immunogen:

Recombinant protein of human CTH

Storage Buffer:

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Catalog #: A6121

Antibody Type:

Polyclonal Antibody

Species: Rabbit

Gene ID: 1491

Isotype: IgG

Swiss Prot: P32929

Purity: Affinity purification

For research use only.

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.

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