

## CTH

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**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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