

Cystathionase/CTH polyclonal antibody

Catalog: BS7916

Host: Rabbit

Reactivity: Human, Mouse, Rat

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.

Product:

1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

Molecular Weight:

45KDa

Swiss-Prot:

P32929

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB, 1:500 - 1:2000 | IF/ICC, 1:50 - 1:200 | IP, 1:50 - 1:200

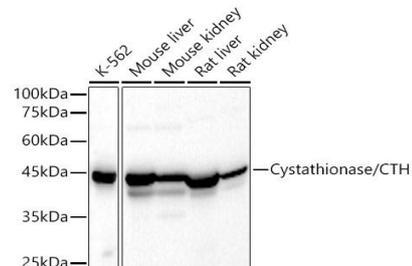
Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

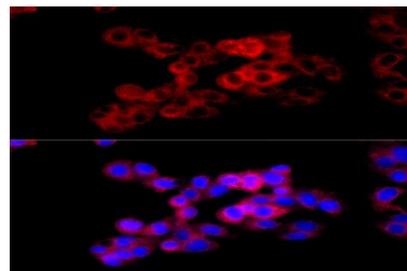
Category:

Polyclonal Antibodies

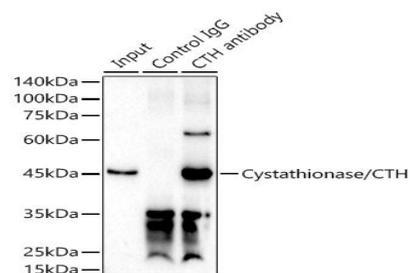
DATA:



Western blot analysis of various lysates, using Cystathionase/CTH antibody at 1:570 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 30s.



Immunofluorescence analysis of HepG2 cells using Cystathionase/CTH Rabbit pAb at dilution of 1:50. Blue: DAPI for nuclear staining.



Immunoprecipitation analysis of 300ug extracts of K-562 cells using 3ug Cystathionase/CTH antibody. Western blot was performed from the immunoprecipitate using Cystathionase/CTH antibody at a dilution of 1:570.

Note:

For research use only, not for use in diagnostic procedure.

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