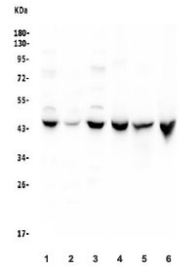
Cystathionase Antibody (R32071)

Catalog No.	Formulation	Size
R32071	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human, Mouse, Rat
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity
Buffer	Lyophilized from 1X PBS with 2.5% BSA and 0.025% sodium azide
UniProt	P32929
Applications	Western blot: 0.1-0.5ug/ml
Limitations	This Cystathionase antibody is available for research use only.



Western blot testing of 1) human K562, 2) human HepG2, 3) rat RH35, 4) rat liver, 5) rat kidney and 6) mouse liver lysate with Cystathionase antibody. Predicted molecular weight ~44 kDa.

Description

Cystathionine gamma-lyase (or cystathionase) is an enzyme which breaks down cystathionine into cysteine and ?-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.

Application Notes

Optimal dilution of the Cystathionase antibody should be determined by the researcher.

Immunogen

Amino acids 181-398 of human Cystathionase were used as the immunogen for the Cystathionase antibody.

Storage

After reconstitution, the Cystathionase antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

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