

Anti-Homocysteine α , γ -Lyase Antibody

CATALOG NO.: **A1866-30T 30 μ g.**
A1866-100 100 μ g.

BACKGROUND DESCRIPTION: Homocysteine α , γ -lyase is a pyridoxal-5'-phosphate dependent enzyme. It is a mutant of homocysteinase from *Trichomonas vaginalis* encoded by *mgl1* gene, containing three point mutations, such as; Phe47 Leu, Asp172Glu, Ser308Tyr. Its native molecular mass is 170 kD, with four seemingly identical subunits, each with molecular mass of 43-45 kD. The enzyme can metabolize homocysteine into α -keto butyrate, hydrogen sulfide and ammonia.

ALTERNATE NAMES: Homocysteine α , γ -Lyase, HCYase.

ANTIBODY TYPE: Polyclonal

CONCENTRATION: 0.5 mg/ml

HOST/ISOTYPE: Rabbit / IgG.

IMMUNOGEN: Recombinant Homocysteine α , γ -Lyase (rHCYase) (Cat. No. P1117) (Q95).

PURIFICATION: Affinity purified.

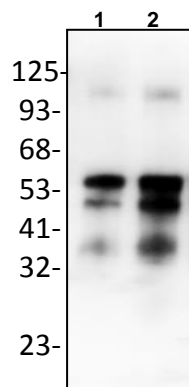
FORM: Liquid.

FORMULATION: In PBS, 30% glycerol, 0.5% BSA, 5 mM EDTA and 0.03% proclin, pH7.2

SPECIES REACTIVITY: *E.coli*

STORAGE CONDITIONS: Store at -20°C. Avoid repeated freeze/thaw cycles..

APPLICATIONS AND USAGE: Western blot: 1-4 μ g **Note: This information is only intended as a guide. The optimal dilutions must be determined by the user.**



Western blot of recombinant HCYase using Homocysteine α , γ -Lyase Antibody.

Lane 1: rHCYase (2 ng)

Lane 2: rHCYase (10 ng)

RELATED PRODUCTS:

- SAHH/AHCY Antibody (6684).
- Homocysteine α , γ -Lyase (rHCYase), Active, Recombinant (P1117).
- Active AHCY, human recombinant (7527).
- Adenosylhomocysteinase (AHCY) Activity Fluorometric Assay Kit (K807).

FOR RESEARCH USE ONLY! Not to be used on humans.