L-Methionine y-Lase Polyclonal Antibody

ALTERNATE NAMES: Methionine gamma-lyase, L-methioninase, mdeA

CATALOG NO.: A1015-100

INTERNAL ID: BV-Q35

AMOUNT: 100 µg (0.5 mg/ml)

HOST: Rabbit

IMMUNOGEN: L-Methionine y-Lase (Cat. No. 7848), Pseudomonas putida recombinant

PURIFICATION: Affinity purified rabbit IgG

MOLECULAR WEIGHT: 47 kDa

FORM: Liquid

FORMULATION: Supplied in PBS (pH 7.2) with 0.01 % BSA, 0.03 % ProClin®, and 50 % glycerol

SPECIES REACTIVITY: Human, Mouse

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

DESCRIPTION: Methionine gamma-lyase from Pseudomonas putida is a PLP-dependent enzyme which plays a central role in sulfur amino acid metabolism. METase catalyzes the α, γ-elimination of methionine to α-ketobutyrate, methanethiol, and ammonia. METase also catalyzes the α, γ-elimination of other sulfur containing amino acids, such as homocysteine, cysteine. Because of its ability to deplete methionine, METase has been considered a viable component of cancer therapeutics against methionine-dependent tumor cells. METase has also been utilized to design drug targets for the infectious diseases caused by parasitic protozoa and anaerobic periodontal bacteria.

APPLICATION: Western blot: 1-4 µg/ml

Figure Legend: Western blot analysis of h L-Methionine y-Lase antibody with 2 ng (1), 10 ng (2), 100 ng (3) L-Methionine y-Lase recombinant protein.

RELATED PRODUCTS:
- L-Methionine γ-Lyase, Pseudomonas putida recombinant (Cat. No. 7848-100, -500)
- Cystathionine β Synthase, human recombinant (Cat No. 7844-100, 500)
- Human Recombinant Glyoxalase I (Cat No. 6389-100)
- Glycine Oxidase, bacterial Recombinant (Cat No. 7845-250 -1000)