

Anti-D-Serine Dehydratase Antibody

CATALOG NO.: A1901-30T 30 µg.
A1901-100 100 µg.

BACKGROUND DESCRIPTION: Recombinant 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; Phe47Leu, 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: DsdSC, D-serine deaminase, DSD, DSD1.

ANTIBODY TYPE: Polyclonal

CONCENTRATION: 0.5 mg/ml

HOST/ISOTYPE: Rabbit / IgG.

IMMUNOGEN: Recombinant D-Serine Dehydratase, Active (P1193).

PURIFICATION: Affinity purified.

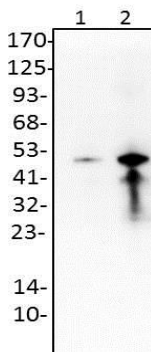
FORM: Liquid.

FORMULATION: In phosphate buffered saline (PBS), pH 7.2 containing 30% glycerol, 0.5% BSA, 5 mM EDTA and 0.03% proclin.

SPECIES REACTIVITY: *Saccharomyces cerevisiae*.

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

APPLICATIONS AND USAGE: Western blot: 1-4 µg



Western blot of recombinant D-Serine Dehydratase using D-Serine Dehydratase antibody:

Lane 1: D-Serine Dehydratase 2 ng.
Lane 2: D-Serine Dehydratase 10 ng.

RELATED PRODUCTS:

OxdC Antibody (6672).
D-Serine Dehydratase, Active, Recombinant (P1193).
Anti-Oxalate Oxidase Antibody (A1803).

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