antibodies .- online.com





Datasheet for ABIN7159592

anti-MTRR antibody (AA 1-725) (HRP)



Overview

| Quantity: | 100 μg |
|----------------------|---|
| Target: | MTRR |
| Binding Specificity: | AA 1-725 |
| Reactivity: | Human |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This MTRR antibody is conjugated to HRP |
| Application: | ELISA |

Product Details

| Immunogen: | Recombinant Human Methionine synthase reductase protein (1-725AA) |
|-------------------|---|
| Isotype: | IgG |
| Cross-Reactivity: | Human |
| Purification: | >95%, Protein G purified |

Target Details

| Target: | MTRR |
|-------------------|---|
| Alternative Name: | MTRR (MTRR Products) |
| Background: | Background: Involved in the reductive regeneration of cob(I)alamin (vitamin B12) cofactor |
| | required for the maintenance of methionine synthase in a functional state. Necessary for |

Target Details

utilization of methylgroups from the folate cycle, thereby affecting transgenerational epigenetic inheritance. Folate pathway donates methyl groups necessary for cellular methylation and affects different pathways such as DNA methylation, possibly explaining the transgenerational epigenetic inheritance effects.

Aliases: MTRR antibody, Methionine synthase reductase antibody, MSR antibody, EC 1.16.1.8 antibody

UniProt: Q9UBK8

Pathways: Methionine Biosynthetic Process

Application Details

| Application Notes: | Optimal working dilution should be determined by the investigator. |
|--------------------|--|
| | |

Restrictions: For Research Use only

Handling

| Format: | Liquid |
|--------------------|---|
| Buffer: | Preservative: 0.03 % Proclin 300 |
| | Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4 |
| Preservative: | ProClin |
| Precaution of Use: | This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
| Storage: | -20 °C,-80 °C |
| Storage Comment: | Upon receipt, store at -20°C or -80°C. Avoid repeated freeze. |