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Datasheet for ABIN7159590  
**anti-MTRR antibody (AA 1-725) (Biotin)**

### Overview

Quantity:	100 µg
Target:	MTRR
Binding Specificity:	AA 1-725
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MTRR antibody is conjugated to Biotin
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 ( <a href="#">MTRR Products</a> )
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

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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

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UniProt: [Q9UBK8](#)

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Pathways: [Methionine Biosynthetic Process](#)

## Application Details

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

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Restrictions: For Research Use only

## Handling

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Format: Liquid

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Buffer: Preservative: 0.03 % Proclin 300  
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

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Preservative: ProClin

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Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

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Storage: -20 °C,-80 °C

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Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.