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Datasheet for ABIN7159591

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

Overview

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

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

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.