

Product datasheet for **TA359469**

MTRR Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of Human MTRR
Specificity:	Expected reactivity: Human
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Concentration:	lot specific
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	76kDa
Gene Name:	5-methyltetrahydrofolate-homocysteine methyltransferase reductase
Database Link:	Entrez Gene 4552 Human Q9UBK8-2
Background:	Methionine is an essential amino acid required for protein synthesis and one-carbon metabolism. Its synthesis is catalyzed by the enzyme methionine synthase. Methionine synthase eventually becomes inactive due to the oxidation of its cob(I)alamin cofactor. The protein encoded by this gene regenerates a functional methionine synthase via reductive methylation. It is a member of the ferredoxin-NADP(+) reductase (FNR) family of electron transferases. Patients of the cbl-E complementation group of disorders of folate/cobalamin metabolism are defective in reductive activation of methionine synthase. Alternative splicing of this gene results in multiple transcript variants encoding distinct isoforms.



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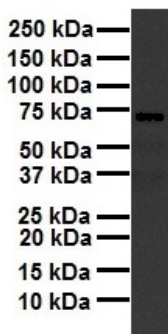
Synonyms: cbIE; MGC129643; MSR

Product images:

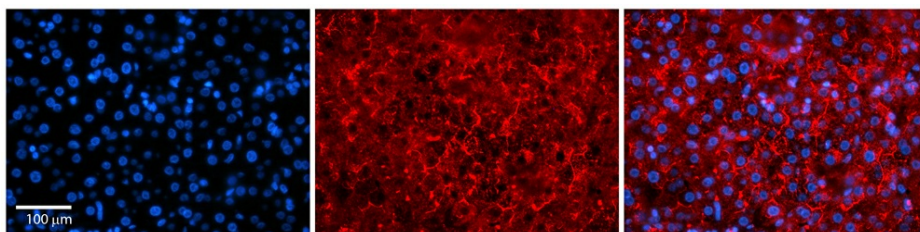


Host: Rabbit
 Target Name: MTRR
 Sample Tissue: HeLa Cell Lysate
 Antibody Dilution: 1.0µg/ml

Host: Rabbit
 Target Name: MTRR
 Sample Type: HeLa Whole Cell lysates
 Antibody Dilution: 1.0ug/ml



WB Suggested Anti-MTRR antibody Titration: 1 ug/mL
 Sample Type: Human liver



Rabbit Anti-MTRR Antibody
 Catalog Number: TA359469
 Formalin Fixed Paraffin Embedded Tissue:
 Human Adult liver
 Observed Staining: Membrane
 Primary Antibody Concentration: 1:100
 Secondary Antibody: Donkey anti-Rabbit-Cy2/3
 Secondary Antibody Concentration: 1:200
 Magnification: 20X
 Exposure Time: 0.5–2.0 sec
 Protocol located in Reviews and Data.