

Product datasheet for **TA346670**

MTR Rabbit Polyclonal Antibody

Product data:

| | |
|-------------------------|---|
| Product Type: | Primary Antibodies |
| Applications: | WB |
| Recommended Dilution: | WB |
| Reactivity: | Human |
| Host: | Rabbit |
| Isotype: | IgG |
| Clonality: | Polyclonal |
| Immunogen: | The immunogen for anti-MTR antibody: synthetic peptide directed towards the C terminal of human MTR. Synthetic peptide located within the following region: GSEQLDVADLRRLRYKGI R P A P G Y P S Q P D H T E K L T M W R L A D I E Q S T G I R L |
| 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> |
| Purification: | Affinity Purified |
| Conjugation: | Unconjugated |
| Storage: | Store at -20°C as received. |
| Stability: | Stable for 12 months from date of receipt. |
| Predicted Protein Size: | 140 kDa |
| Gene Name: | 5-methyltetrahydrofolate-homocysteine methyltransferase |
| Database Link: | NP_000245 Entrez Gene 4548 Human Q99707 |
| Background: | This gene encodes the 5-methyltetrahydrofolate-homocysteine methyltransferase. This enzyme, also known as cobalamin-dependent methionine synthase, catalyzes the final step in methionine biosynthesis. Mutations in MTR have been identified as the underlying cause of methylcobalamin deficiency complementation group G. Alternatively spliced transcript variants encoding distinct isoforms have been found for this gene. [provided by RefSeq, May 2014] |



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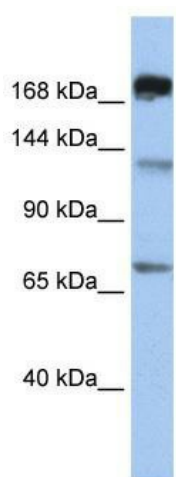
Synonyms: cblG; HMAG; MS

Note: Immunogen Sequence Homology: Pig: 100%; Rat: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Bovine: 100%; Rabbit: 100%; Guinea pig: 100%

Protein Families: Druggable Genome

Protein Pathways: Cysteine and methionine metabolism, Metabolic pathways, One carbon pool by folate

Product images:



WB Suggested Anti-MTR Antibody Titration: 0.2-1 ug/ml; Positive Control: 721_B cell lysate. MTR is supported by BioGPS gene expression data to be expressed in 721_B