

## Rabbit Methylenetetrahydrofolate Reductase Polyclonal Antibody | anti-MTHFR antibody

Polyclonal Antibody to Methylenetetrahydrofolate Reductase (MTHFR)

|                               |                       |                                        |                                                                                       |
|-------------------------------|-----------------------|----------------------------------------|---------------------------------------------------------------------------------------|
| CATALOG #<br><b>AAA142247</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human, Mouse, Rat</b> | APPLICATIONS<br><b>ELISA, Immunohistochemistry, Immunocytochemistry, Western Blot</b> |
|-------------------------------|-----------------------|----------------------------------------|---------------------------------------------------------------------------------------|

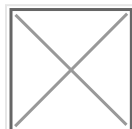
### PRODUCT SYNONYMS

Methylenetetrahydrofolate Reductase; Polyclonal Antibody; Polyclonal Antibody to Methylenetetrahydrofolate Reductase (MTHFR); anti-MTHFR antibody

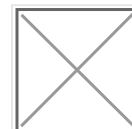
### PRODUCT SPECIFICATIONS

|                                                 |                                                                                                                                                                                               |
|-------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                            | Rabbit                                                                                                                                                                                        |
| Reactivity                                      | Human, Mouse, Rat                                                                                                                                                                             |
| Clonality                                       | Polyclonal                                                                                                                                                                                    |
| Specificity                                     | The antibody is a rabbit polyclonal antibody raised against MTHFR. It has been selected for its ability to recognize MTHFR in immunohistochemical staining and western blotting.              |
| Purity/Purification                             | Affinity Chromatography                                                                                                                                                                       |
| Form/Format                                     | Liquid                                                                                                                                                                                        |
| Concentration                                   | 0.76mg/ml (varies by lot)                                                                                                                                                                     |
| Sequence Length                                 | 293                                                                                                                                                                                           |
| Applicable Applications for anti-MTHFR antibody | ELISA, IHC (Immunohistochemistry), ICC (Immunocytochemistry), WB (Western Blot)                                                                                                               |
| Fragment                                        | MTHFR (Met1~Arg325)                                                                                                                                                                           |
| Organism Species                                | Homo sapiens (Human)                                                                                                                                                                          |
| Cross Reactivity                                | Human                                                                                                                                                                                         |
| Conjugate                                       | No Conjugate                                                                                                                                                                                  |
| Immunogen                                       | Recombinant MTHFR (Met1~Arg325) expressed in E Coli.                                                                                                                                          |
| Conjugated Antibody                             | The APC conjugated antibody version of this item is also available as                                                                                                                         |
| Preparation and Storage                         | Store at 4 degree C for frequent use. Stored at -20 degree C to -80 degree C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles. |

### IMAGES



**IHC (Immunohistochemistry)**  
DAB staining on IHC-P; Samples: Human Stomach Tissue



**WB (Western Blot)**  
Western Blot: Sample: Recombinant protein.



**WB (Western Blot)**

Western Blot: Sample: Human K562 cell lysate; Primary Ab: 3ug/ml Rabbit Anti-Human MTHFR Antibody Second Ab: 0.2ug/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody

**NCBI AND UNIPROT INFORMATION**

|                                  |                                                        |
|----------------------------------|--------------------------------------------------------|
| NCBI GI #                        | 1060099355                                             |
| NCBI GeneID                      | 4524                                                   |
| NCBI Accession #                 | NP_001317287.1                                         |
| NCBI GenBank Nucleotide #        | NM_001330358.1                                         |
| UniProt Accession #              | P42898; Q5SNW6; Q5SNW9; Q7Z6M6; Q8IU73; Q9UQR2; B2R7A6 |
| Molecular Weight                 | 78,965 Da                                              |
| NCBI Official Full Name          | methylenetetrahydrofolate reductase isoform 1          |
| NCBI Official Synonym Full Names | methylenetetrahydrofolate reductase                    |
| NCBI Official Symbol             | MTHFR                                                  |
| NCBI Protein Information         | methylenetetrahydrofolate reductase                    |
| UniProt Protein Name             | Methylenetetrahydrofolate reductase                    |
| UniProt Gene Name                | MTHFR                                                  |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | [contact@aaabiotech.com](mailto:contact@aaabiotech.com)  
Online datasheet: <https://stage.aaabiotech.com/polyclonal/methylenetetrahydrofolate-reductase-antibody-immunohistochemistry-immunocytochemistry-western-blot-elisa/142247>