

## PRODUCT SPECIFICATION

|                             |                                                                                                                                                                                                                                                                                         |
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| Product Name                | Anti-MTHFS                                                                                                                                                                                                                                                                              |
| Product Number              | HPA054177                                                                                                                                                                                                                                                                               |
| Gene Description            | 5,10-methenyltetrahydrofolate synthetase (5-formyltetrahydrofolate cyclo-ligase)                                                                                                                                                                                                        |
| Clonality                   | Polyclonal                                                                                                                                                                                                                                                                              |
| Isotype                     | IgG                                                                                                                                                                                                                                                                                     |
| Host                        | Rabbit                                                                                                                                                                                                                                                                                  |
| Antigen Sequence            | Recombinant Protein Epitope Signature Tag (PrEST) antigen sequence:<br>AAAVSSAKRSLRGELKQRLRAMSAEERLRQSRVLSQKVIAHSEYQKSKR<br>ISIFLSMQDEIETEEIIKDIFQRGKICFIPRYRFQSNHMDMVRIESPEEI<br>S                                                                                                     |
| Purification Method         | Affinity purified using the PrEST antigen as affinity ligand                                                                                                                                                                                                                            |
| Verified Species Reactivity | Human                                                                                                                                                                                                                                                                                   |
| Recommended Applications    | IHC (Immunohistochemistry)<br>- Antibody dilution: 1:20 - 1:50<br>- Retrieval method: HIER pH6<br>WB (Western Blot)<br>- Working concentration: 0.04-0.4 µg/ml<br>ICC-IF (Immunofluorescence)<br>- Fixation/Permeabilization: PFA/Triton X-100<br>- Working concentration: 0.25-2 µg/ml |
| Characterization Data       | Available at <a href="https://atlasantibodies.com/products/HPA054177">atlasantibodies.com/products/HPA054177</a>                                                                                                                                                                        |
| Buffer                      | 40% glycerol and PBS (pH 7.2). 0.02% sodium azide is added as preservative.                                                                                                                                                                                                             |
| Concentration               | Lot dependent                                                                                                                                                                                                                                                                           |
| Storage                     | Store at +4°C for short term storage. Long time storage is recommended at -20°C.                                                                                                                                                                                                        |
| Notes                       | Gently mix before use. Optimal concentrations and conditions for each application should be determined by the user.<br>For protocols, additional product information, such as images and references, see <a href="https://atlasantibodies.com">atlasantibodies.com</a> .                |

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