## PRODUCT SPECIFICATION

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| Product Name | Anti-SHMT1 |
| Product Number | HPA023314 |
| Gene Description | serine hydroxymethyltransferase 1 (soluble) |
| Alternative Names | CSHMT, MGC15229, MGC24556, SHMT |
| Clonality | Polyclonal |
| Isotype | IgG |
| Host | Rabbit |
| Antigen Sequence | MTMPVNGAHKDADLWSSHDKMLAQPLKDSDVEVYNIIKKESNRQRVGLEL IASENFASRAVLEALGSCL |
| Purification Method | Affinity purified using the PrEST antigen as affinity ligand |
| Verified Species Reactivity | Human |
| Recommended Applications | IHC (Immunohistochemistry)<br>- Antibody dilution: 1:500 - 1:1000<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 atlasantibodies.com/products/HPA023314 |
| 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. |

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