

## PRODUCT SPECIFICATION

|                             |   |
|-----------------------------|---|
| Product Name                | Anti-IDH3G  |
| Product Number              | HPA000425   |
| Gene Description            | isocitrate dehydrogenase 3 (NAD+) gamma   |
| Clonality                   | Polyclonal  |
| Isotype                     | IgG   |
| Host                        | Rabbit  |
| Antigen Sequence            | Recombinant Protein Epitope Signature Tag (PrEST) antigen sequence:<br>FDVMVMPNLYGNIIVNNVCAGLVGGPGLVAGANYGHVYAVFETATRNTGKS<br>IANKNIANPTATLLASCMMLDHLKLHSYATSIRKAVLASMDNENMHTPDI<br>GGQGTSEAIQDVI   |
| Purification Method         | Affinity purified using the PrEST antigen as affinity ligand  |
| Verified Species Reactivity | Human, Mouse, Rat   |
| Recommended Applications    | IHC (Immunohistochemistry)<br>- Antibody dilution: 1:200 - 1:500<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/HPA000425">atlasantibodies.com/products/HPA000425</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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