

## PRODUCT SPECIFICATION

|                                |                                                                                                                     |
|--------------------------------|---------------------------------------------------------------------------------------------------------------------|
| Product Name                   | Anti-CASTOR1                                                                                                        |
| Product Number                 | HPA073183                                                                                                           |
| Gene Description               | cytosolic arginine sensor for mTORC1 subunit 1                                                                      |
| Alternative Names              | GATSL3                                                                                                              |
| Clonality                      | Polyclonal                                                                                                          |
| Isotype                        | IgG                                                                                                                 |
| Host                           | Rabbit                                                                                                              |
| Antigen Sequence               | EQDLSVVIHTLAQEFDIYREVGGEVPVTRDDSSNGFPRTQHGPSPTVHP<br>IQSPQNRFCVLTLDPET                                              |
| Purification Method            | Affinity purified using the PrEST antigen as affinity ligand                                                        |
| Verified Species<br>Reactivity | Human                                                                                                               |
| Recommended<br>Applications    | IHC (Immunohistochemistry)<br>- Antibody dilution: 1:1000 - 1:2500<br>- Retrieval method: HIER pH6                  |
| Characterization<br>Data       | Available at <a href="https://atlasantibodies.com/products/HPA073183">atlasantibodies.com/products/HPA073183</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. |

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