

## PRODUCT SPECIFICATION

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| Product Name                | Anti-CAPN1   |
| Product Number              | HPA005992  |
| Gene Description            | calpain 1, (mu/I) large subunit  |
| Clonality                   | Polyclonal   |
| Isotype                     | IgG  |
| Host                        | Rabbit   |
| Antigen Sequence            | Recombinant Protein Epitope Signature Tag (PrEST) antigen sequence:<br>PDALKSRTIRKWNNTTLYEGTWRRGSTAGGCRNYPATFWNPQFKIRLDET<br>DDPDDYGDRESGCSFVLALMQKHRRRRERRFRDMETIGFAVYEVPPPELVG<br>QPAVHLKRDFFLANASRARSEQFINLREVSTRFRLPPGEYVVVPSTFEPN<br>KE   |
| Purification Method         | Affinity purified using the PrEST antigen as affinity ligand   |
| Verified Species Reactivity | Human  |
| Recommended Applications    | IHC (Immunohistochemistry)<br>- Antibody dilution: 1:50 - 1:200<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/HPA005992">atlasantibodies.com/products/HPA005992</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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