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This product is **for research use only** (not for diagnostic or therapeutic use) **contact: support@agrisera.com**

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**Product no AS06 174**

# HSP90C | alfa-HSP90C, heat shock protein (algal)

## Product information

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| **Immunogen** | C-terminal 238 amino acids of HSP90C, Q66T67, expressed with N- and C-terminal hexahistidine tags in *E. coli*, purified with Ni-NTA |
| **Host** | Rabbit |
| **Clonality** | Polyclonal |
| **Purity** | Serum |
| **Format** | Lyophilized |
| **Quantity** | 50 µl |
| **Reconstitution** | For reconstitution add 50 µl of sterile water |
| **Storage** | Store lyophilized/reconstituted at -20°C; once reconstituted make aliquots to avoid repeated freeze-thaw cycles. Please remember to spin the tubes briefly prior to opening them to avoid any losses that might occur from material adhering to the cap or sides of the tube. |

## Application information

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| **Recommended dilution** | 1 : 3000 (WB) |
| **Expected \| apparent MW** | 89 kDa |
| **Confirmed reactivity** | *Chlamydomonas reinhardtii* |
| **Predicted reactivity** | *Ostreococcus* sp.<br><br>Species of your interest not listed? Contact us |
| **Not reactive in** | No confirmed exceptions from predicted reactivity are currently known |
| **Additional information** | HSP90C protein is easily degraded and degradation products are detected by this antibody |
| **Selected references** | Cvetkovska et al. (2022) A constitutive stress response is a result of low temperature growth in the Antarctic green alga Chlamydomonas sp. UWO241. Plant, Cell & Environment, 45, 156– 177. https://doi.org/10.1111/pce.14203<br>Perlaza et al. (2019). The Mars1 kinase confers photoprotection through signaling in the chloroplast unfolded protein response. Elife. 2019 Oct 15;8. pii: e49577. doi: 10.7554/eLife.49577.<br>Willmund & Schroda (2005). HSP90C is a bona-fide Hsp90 that interacts with plastidic HSP70B in Chlamydomonas reinhardtii. Plant Phys. 138, 2310–2322. |