

Product no **AS06 174****HSP90C | alfa-HSP90C, heat shock protein (algal)****Product information**

Immunogen	C-terminal 238 amino acids of HSP90C, <u>Q66T67</u> , expressed with N- and C-terminal hexahistidine tags in <i>E. coli</i> , 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

Recommended dilution	1 : 3000 (WB)
Expected apparent MW	89 kDa
Confirmed reactivity	<i>Chlamydomonas reinhardtii</i>
Predicted reactivity	<i>Ostreococcus</i> sp.
	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 <i>Chlamydomonas</i> sp. UWO241. <i>Plant, Cell & Environment</i> , 45, 156–177. https://doi.org/10.1111/pce.14203 Perlaza et al. (2019). The Mars1 kinase confers photoprotection through signaling in the chloroplast unfolded protein response. <i>Elife</i> . 2019 Oct 15;8. pii: e49577. doi: 10.7554/eLife.49577. Willmund & Schroda (2005). HSP90C is a bona-fide Hsp90 that interacts with plastidic HSP70B in <i>Chlamydomonas reinhardtii</i> . <i>Plant Phys.</i> 138, 2310–2322.