

# Agrisera

This product is for research use only (not for diagnostic or therapeutic use)

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Product no **AS06 175**

## HSP70B | Stromal alfa-HSP70 (algal)

### Product information

<b>Immunogen</b>	mature HSP70B protein UniProt: <a href="#">A8HYV3</a> , expressed with N- and C-terminal hexahistidine tags in <i>E. coli</i> , purified with Ni-NTA
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Purity</b>	Serum
<b>Format</b>	Lyophilized
<b>Quantity</b>	100 µl
<b>Reconstitution</b>	For reconstitution add 100 µl of sterile water.
<b>Storage</b>	Store lyophilized/reconstituted at -20 °C; once reconstituted make aliquots to avoid repeated freeze-thaw cycles. Please, remember to spin tubes briefly prior to opening them to avoid any losses that might occur from lyophilized material adhering to the cap or sides of the tubes.

### Application information

<b>Recommended dilution</b>	1 : 10 000 (WB)
<b>Expected   apparent MW</b>	71.9 kDa
<b>Confirmed reactivity</b>	<i>Chlamydomonas reinhardtii</i> , <i>Desmodesmus subspicatus</i> , <i>Physcomitrella patens</i>
<b>Predicted reactivity</b>	Dunaliella salina, Cyanobacteria Species of your interest not listed? <a href="#">Contact us</a>
<b>Not reactive in</b>	No confirmed exceptions from predicted reactivity are currently known.
<b>Selected references</b>	<a href="#">Gonzaga</a> Heredia-Martinez et al. (2018). Chloroplast damage induced by the inhibition of fatty acid synthesis triggers autophagy in Chlamydomonas. Plant Physiol, Sept. 2018. <a href="#">Diaz-Troya</a> et al. (2011). Inhibition of protein synthesis by TOR inactivation revealed a conserved regulatory mechanism of the BiP chaperone in Chlamydomonas. Plant Physiol, in press.