Agrisera
Part of Olink® Group

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

Agrisera AB | Box 57 | SE-91121 Vännäs | Sweden | +46 (0)935 33 000 | www.agrisera.com

**Product no** AS15 3029

# ACD | alpha crystalline domain of sHSP

## Product information

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|---|---|
| **Immunogen** | KLH-conjugated peptide derived from sequences of ACD domain |
| **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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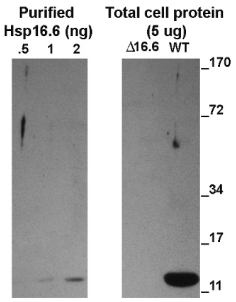
|---|---|
| **Recommended dilution** | 1 : 1000 (WB) |
| **Expected \| apparent MW** | 16,6 kDa |
| **Confirmed reactivity** | recombinant sHSP with ACD domain |
| **Predicted reactivity** | ACD domain of sHSP |
| **Not reactive in** | No confirmed exceptions from predicted reactivity are currently known |

## Application example

Left panel: purified recombinant Hsp16.6 in 0.5, 1 and 2 ng per well. Right panel: **5 µg of total protein** from *Synechocystis* PCC 6803 null mutant and WT were separated on **9-17 % SDS-PAGE** and blotted 1h to **nitrocellulose** (Biorad). Blots were incubated in the primary antibody at a dilution of 1: 5 000 for 1h at room temperature with agitation and a secondary HRP-conjugated antibody (1: 10 000).