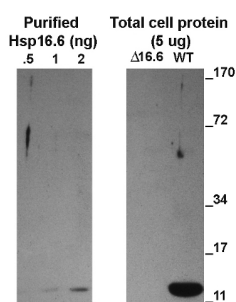


Product no **AS08 286****HSP16,6 | Class I heat shock protein 16,6 (cytosolic)****Product information**

Immunogen	Recombinant protein. <i>Synechocystis</i> PCC 6803 Hsp16.6 CI (class one) UniProt: P72977
Host	Rabbit
Clonality	Polyclonal
Purity	Serum
Format	Lyophilized
Quantity	50 µl
Reconstitution	For reconstitution add 100 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.
Additional information	This product can be sold containing proclin if requested

Application information

Recommended dilution	1 : 5000 (WB)
Expected apparent MW	16.6 kDa
Confirmed reactivity	<i>Synechocystis</i> sp. PCC 6803
Predicted reactivity	<i>Synechococcus</i> sp., <i>Thermosynechococcus</i> sp. Species of your interest not listed? Contact us
Not reactive in	No confirmed exceptions from predicted reactivity are currently known
Additional information	On a gradient gel Hsp16.6 runs closer to 11 kDa
Selected references	Gunnelius et al. (2014). The omega subunit of the RNA polymerase core directs transcription efficiency in cyanobacteria. <i>Nucleic Acids Res.</i> 2014 Jan 29.

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).