

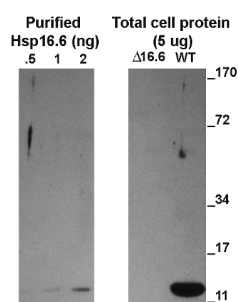
Product no **AS08 286****Anti-HSP16,6 | Class I heat shock protein 16,6 (cytosolic)****Product information**

<b>Immunogen</b>	Recombinant protein. <i>Synechocystis</i> PCC 6803 Hsp16.6 CI (class one) UniProt: <a href="#">P72977</a>
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Purity</b>	Serum
<b>Format</b>	Lyophilized
<b>Quantity</b>	50 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 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**

<b>Recommended dilution</b>	1 : 5000 (WB)
<b>Expected   apparent MW</b>	16.6 kDa
<b>Confirmed reactivity</b>	<i>Synechocystis</i> sp. PCC 6803
<b>Predicted reactivity</b>	<i>Synechococcus</i> sp., <i>Thermosynechococcus</i> sp.
	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>Additional information</b>	On a gradient gel Hsp16.6 runs closer to 11 kDa
<b>Selected references</b>	<a href="#">Gunnellius</a> 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).