

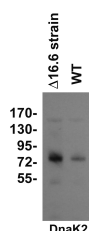
Product no **AS08 350****DnaK2 | Heat shock protein 70-2 (HSP70-2)****Product information**

<b>Immunogen</b>	Full-length recombinant DnaK2 protein derived from <i>Synechocystis</i> PCC 6803 DnaK2 protein sequence UniProt: <a href="#">P22358</a>
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Purity</b>	Serum
<b>Format</b>	Lyophilized
<b>Quantity</b>	200 µl
<b>Reconstitution</b>	For reconstitution add 200 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 : 1000 (WB)
<b>Expected   apparent MW</b>	67.6   76 kDa
<b>Confirmed reactivity</b>	<i>Synechocystis PCC 6803</i>
<b>Predicted reactivity</b>	<i>Anabaena</i> sp., <i>Crocospaera watsonii</i> , <i>Cyanothece</i> sp. PCC 7424, <i>Lyngbya</i> sp. PCC 8106, <i>Microcoleus chthonoplastes</i> PCC 7420, <i>Nodularia spumigena</i> CCY 9414, <i>Nostoc</i> sp., <i>Synechococcus</i> sp. PCC 7942 and other cyanobacterial strains
	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

**Application example**

**10 µg of total protein** from total cell extract of *Synechocystis* PCC 6803 wild type (WT) and mutant strain that lacks Hsp16.6 were separated on 8 % gel and blotted on nitrocellulose membrane. Filters were blocked (1h), incubated with 1:1000 anti-DnaK2 antibodies (2h) followed by incubation with 1: 2500 secondary anti-rabbit (1h) coupled to HRP and visualization with chemiluminescent detection reagent, exposure time was 10 seconds.