

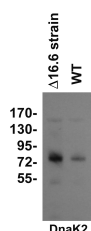
Product no **AS08 350****DnaK2 | Heat shock protein 70-2 (HSP70-2)****Product information**

Immunogen	full length recombinant DnaK2 protein derived from <i>Synechocystis</i> PCC 6803 DnaK2 protein sequence UniProt: P22358
Host	Rabbit
Clonality	Polyclonal
Purity	Serum
Format	Lyophilized
Quantity	200 µl
Reconstitution	For reconstitution add 200 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 : 1000 (WB)
Expected apparent MW	67,6 76 kDa
Confirmed reactivity	<i>Synechocystis</i> PCC 6803
Predicted reactivity	<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? Contact us
Not reactive in	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.