

Product information

Antibody name: anti-HhoB

Product number: P08S-1

Product description: polyclonal antibody;
contains 0.01% NaN₃

Origin: rabbit

Immunogen: synthetic peptide (a. a. 74 – 88) specific
for *Synechocystis* sp. PCC 6803 HhoB (SII1679;
Cyanobase)

Immunodetection: Western blot (1 : 2.000 for ECL)

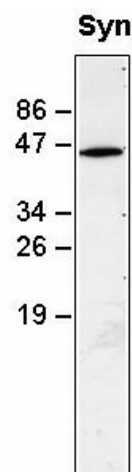
Immunocrossreaction: *Synechocystis* sp. PCC
6803; possibly crossreacts with HhoB from *Anabaena*
sp. PCC7120 and *Crocospaera watsonii*.

Storage: short term +4 °C, long term -20 °C. Repeated
freezing and thawing is not recommended.

Preimmune serum (product number P08S-PI): can
be ordered with anti-HhoB

Quantity: 100 µl

Protein description: HhoB belongs to a serine-type Deg peptidase family,
widespread among bacteria and eukaryotes. This family includes three related
members HhoB (DegS), HhoA (DegQ) and HtrA (DegP). It had been shown that Deg
proteases possess an overlapping functions in cyanobacteria and are needed for
photoprotection of photosystem II. Additionally it was demonstrated that Deg
proteases do not play essential role in D1 turnover and photosystem II repair *in vivo*
(Barker et al., 2006, JBC 281, 30347 – 30355).



Western blot analysis of
Synechocystis sp. PCC 6803
membrane proteins with anti-
HhoB

For research purposes only