

## Product information

**Antibody name:** anti-immunophilin SII0408

**Product number:** I03S-1

**Product description:** polyclonal antibody;  
contains 0.01% NaN<sub>3</sub>

**Origin:** rabbit

**Immunogen:** recombinant full-length immunophilin  
protein from *Synechocystis* sp. PCC 6803

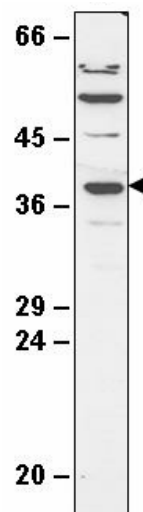
**Immunodetection:** Western blot (1: 2.000 for ECL)

**Immunocrossreaction:** was not tested; possibly  
crossreacts with homologous proteins from other  
photosynthetic bacteria.

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

**Quantity:** 100 µl

**Protein description:** SII0408 is a complex immunophilin from cyanobacteria. The protein shows high homology to lumen-located complex immunophilins, AtCYP37 and AtCYP38 (antibody product No.: I01A-1/2 and I02A-1/2) from higher plants. The function of SII0408 immunophilin is not known although it was suggested that it may be involved in the biogenesis of the photosystem II, especially under stress acclimation.



Western blot analysis of  
membrane proteins from  
*Synechocystis* sp. PCC  
6803 with anti-  
immunophilin SII0408

*For research purposes only*