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Agrisera AB | Box 57 | SE-91121 Vännäs | Sweden | +46 (0)935 33 000 | www.agrisera.com

Product no AS07 274

Anti-Ycf4 | photosystem I assembly protein ycf4

Product information

Immunogen	full length recombinant ycf4 protein of *Chlamydomonas reinhardtii* UniProt: O20030 as described in Boudreau et al. 1997
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.

Application information

Recommended dilution	1 : 1000 (WB)
Expected | apparent MW	22 kDa
Confirmed reactivity	*Chlamydomonas reinhardtii,* cyanobacteria
Predicted reactivity	*Chlamydomonas reinhardtii*, Cyanobacteria Species of your interest not listed? Contact us
Not reactive in	*Arabidopsis thaliana*
Selected references	Heinnickel et al. (2016). Tetratricopeptide repeat protein protects photosystem I from oxidative disruption during assembly. Proc Natl Acad Sci U S A. 2016 Mar 8;113(10):2774-9. doi: 10.1073/pnas.1524040113 Naver et al. (2001). Functional studies of Ycf3. The Plant Cell 13:2731- 2746. Boudreau et al. (1997) The chloroplast ycf3 and ycf4 open reading frames of Chlamydomonas reinhardtii are required for the accumulation of the photosystem I complex. The EMBO J.16:6095-6104.