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Product no AS07 273

Ycf3 | Photosystem I assembly protein ycf3

Product information

Immunogen	full length recombinant ycf3 protein of *Chlamydomonas reinhardtii* UniProt: O20031, 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	19 kDa
Confirmed reactivity	*Chlamydomonas reinhardtii*, cyanobacteria
Predicted reactivity	Algae*, Arabidopsis thaliana, Avena sativa, Chlorella vulgaris, Marchantia polymorpha, Phaseolus vulgaris, Physcomitrium patens, Chlorokybus atmophyticus, Ostreococcus tauri* Species of your interest not listed? Contact us
Not reactive in	No confirmed exceptions from predicted reactivity are currently known
Additional information	Western blot detection image can be found in Boudreau et al. 1997.
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. Epub 2016 Feb 22. 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.