

Product no **AS07 274****Ycf4 | photosystem I assembly protein ycf4****Product information**

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