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Product no AS10 1590

Anti-AtpD | CF1 delta subunit of ATP synthase (affinity purified)

Product information

Immunogen	isolated CF1 subunit of the chloroplast ATP synthase complex from *Chlamydomonas reinhardtii* Q42687.1
Host	Rabbit
Clonality	Polyclonal
Purity	Immunogen affinity purified serum in PBS pH 7.4.
Format	Liquid
Quantity	100 µl
Storage	Store at short-term 4°C, Long-term -20°. Repeated freezing and thawing is not recommended. It ontains 0,01% sodium azide.
Additional information	Antibody concentration is 2 ug/ul

Application information

Recommended dilution	1:500 (IF), 1: 2000 (WB)
Expected | apparent MW	23 kDa
Confirmed reactivity	*Chlamydomonas reinhardtii*
Predicted reactivity	*Ostreococcus lucimarinusm, Spinacia oleracea, Sorghum bicolor, Volvox carteri* Species of your interest not listed? Contact us
Not reactive in	*Synechocystis sp., Vigna unguiculata*
Selected references	Brandt et al. (2026). Plants tolerate substantial rates of plastid mistranslation via regulated proteostasis. Proc Natl Acad Sci U S A. 2026 Jun 2;123(22):e2537357123. doi: 10.1073/pnas.2537357123. Perlaza (2021). Organelle Size and Quality Control in Chlamydomonas Reinhardtii. UCSF. ProQuest ID: Perlaza_ucsf_0034D_12217. Merritt ID: ark:/13030/m5257z1d. Retrieved from https://escholarship.org/uc/item/1jg3874h Perlaza et al. (2019). The Mars1 kinase confers photoprotection through signaling in the chloroplast unfolded protein response. Elife. 2019 Oct 15;8. pii: e49577. doi: 10.7554/eLife.49577. (immunofluorescence)