

Product no **AS10 1604****AtpF | CF0I subunit of ATP synthase****Product information**

Immunogen	Isolated CF ₀ I subunit of the chloroplast ATP synthase complex of <i>Arabidopsis thaliana</i> , UniProt UniProt::P56759, TAIR: ATCG00130
Host	Rabbit
Clonality	Polyclonal
Purity	Serum
Format	Liquid
Quantity	100 µl
Storage	Store at short-term 4 °C, Long-term -20 °. Repeated freezing and thawing is not recommended. It contains 0,01% sodium azide.

Additional information | This product can be sold containing proClin if requested**Application information****Recommended dilution** | 1 : 5000 (BN-PAGE), (WB)**Expected | apparent MW** | 21 kDa**Confirmed reactivity** | *Arabidopsis thaliana*, *Chlamydomonas reinhardtii*, *Spinacia oleracea*, *Ulva prolifera***Predicted reactivity** | *Cannabis sativa*, Higher plants, *Phaseolus vulgaris*, *Pisum sativum*
Species of your interest not listed? [Contact us](#)**Not reactive in** | No confirmed exceptions from predicted reactivity are currently known

Selected references

[Galvis](#) et al. (2020). H⁺ transport by K⁺ EXCHANGE ANTIporter3 promotes photosynthesis and growth in chloroplast ATP synthase mutants. *Plant Physiol.* pp.01561.2019. doi: 10.1104/pp.19.01561.

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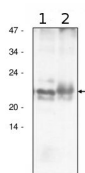
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Application example

20 µg of chloroplast fraction from *Arabidopsis thaliana* (1) and *Spinacia oleracea* (2) were separated on 12 % SDS-PAGE and blotted 1h to PVDF. Blots were blocked with 2 % non-fat milk powder in 1xTBS-T for 1h at room temperature (RT) with agitation. Blot was incubated in the primary antibody at a dilution of 1 : 5 000 for 1h at RT with agitation. The antibody solution was decanted and the blot was rinsed briefly twice, then washed once for 15 min and 3 times for 5 min in TBS-T at RT with agitation. Blot was incubated in secondary antibody (anti-rabbit IgG horse radish peroxidase conjugated) diluted to 1:10 000 in for 1h at RT with agitation. The blot was washed as above and developed for 5 min with ECL



This product is **for research use only** (not for diagnostic or therapeutic use)

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according to the manufacturer's instructions.