

AtpA | Alpha subunit of ATP synthase, chloroplastic (algal)



Cat. No. APA-B-014

Lot. No. (See product label)

Product Name

AtpA | Alpha subunit of ATP synthase, chloroplastic (algal)

Host

Rabbit

Immunogen

CF 1 alpha subunit of the chloroplast ATP synthase complex isolated from *Chlamydomonas reinhardtii*, UniProt: P26526

Background

ATP synthase is the universal enzyme that synthesizes ATP from ADP and phosphate using the energy stored in a transmembrane ion gradient. AtpA is the largest subunit of the membrane-extrinsic ATP synthase subcomplex.

Format

Liquid

Clonality

Polyclonal

Purity

Serum

Quantity

100 µl

Reactivity

Chlamydomonas reinhardtii

Confirmed reactivity

Chlamydomonas reinhardtii

Predicted reactivity

Colemanosphaera charkowiensis, *Eudorina elegans*, *Gonium pectorale*, *Pandorina colemaniae*, *Pleodorina starrii*, *Volvox africanus*, *Yamagishiella unicocca*

Not reactive in

No confirmed exceptions from predicted reactivity are currently known

Expected/apparent MW

54.7 kDa

Tested applications

Western blot (WB)

Recommended dilution

1 : 10 000 (WB)

Storage

Store 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

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

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sides of the tube.

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