

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

Cat PA01014

Size 100 µl

Host

Rabbit

Clonality

Polyclonal

Confirmed reactivity

Chlamydomonas reinhardtii

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

Storage

Store at short-term 4°C, Long-term -20°. Repeated freezing and thawing is not recommended. It contains 0,01% sodium azide.

Application

Immunofluorescence (IF), Western blot (WB)

Recommended dilution

1:500 (IF), 1: 2000 (WB)

Expected | apparent MW

23 kDa

Confirmed reactivity

Chlamydomonas reinhardtii

Predicted reactivity

Ostreococcus lucimarinus, *Spinacia oleracea*, *Sorghum bicolor*, *Volvox carteri*

Not reactive in

No confirmed exceptions from predicted reactivity are currently known

Additional information

Antibody concentration is 2 µg/ul

Description

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

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Size 100 μ l

Chloroplast ATP synthases belong to the f1 type ATPase family, which is also found in bacteria and mitochondria. ATP synthase generates ATP from ADP and inorganic phosphate using the energy generated by the electrochemical proton gradient of the anticysts.

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