

AtpE | Epsilon subunit of ATP synthase

Cat PA00600

Size 100 µl

Host

Rabbit

Clonality

Polyclonal

Confirmed reactivity

dicots, Chlamydomonas reinhardtii, cyanobacteria including Synechocystis sp. PCC 6803.

Immunogen

isolated CF1 subunit of the chloroplast ATP synthase complex from Chlamydomonas reinhardtii

Host

Rabbit

Clonality

Polyclonal

Purity

Serum

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

Western blot (WB)

Recommended dilution

1 : 2000 (WB)

Expected | apparent MW

14 kDa

Confirmed reactivity

dicots, Chlamydomonas reinhardtii, cyanobacteria including Synechocystis sp. PCC 6803.

Not reactive in

Oryza sativa

Description

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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