

AtpG | ATPsynthase subunit II b' (chloroplastic)

Cat PA01016

Size 100 µl

Host

Rabbit

Clonality

Polyclonal

Confirmed reactivity

Arabidopsis thaliana, Chlamydomonas reinhardtii

Immunogen

KLH-conjugated mix of synthetic peptide derived from Arabidopsis thaliana AtpG Q0WMW8, At4g32260 and Chlamydomonas reinhardtii ATP synthase subunit b' A8J785

Host

Rabbit

Clonality

Polyclonal

Purity

Serum

Format

Lyophilized

Reconstitution

For reconstitution add 100 µl of sterile water

Storage

Store lyophilized/reconstituted 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 sides of the tube.

Application

Western blot (WB)

Recommended dilution

1 : 10 000 (WB)

Expected | apparent MW

22.4 kDa (Chlamydomonas reinhardtii) 15.9 kDa (Arabidopsis thaliana)

Confirmed reactivity

Arabidopsis thaliana, Chlamydomonas reinhardtii

Predicted reactivity

Algae, Oryza sativa, Sorghum bicolor, Zea mays, Volvox carteri

Not reactive in

No confirmed exceptions from predicted reactivity are currently known

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

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Additional information

This product can be sold containing ProClin if requested, Antibody reactivity for Arabidopsis thaliana has been confirmed on membrane fraction.

Description

ATP synthase produces ATP from ADP in the presence of a proton gradient across the membrane. F-type ATPase has two components, CF(1) - the catalytic core - and CF(0) - the membrane proton channel. CF(1) has five subunits : α , β , γ , δ , ϵ . CF(0) has three main subunits :a, b, and c. Aliases :ATP synthase subunit II, ATP synthase F(0) sector subunit b'

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