

Product information

Antibody name: anti-CF₁ε (AtpE) subunit of ATP synthase

Product number: A08C-1

Product description: polyclonal antibody;
contains 0.01% NaN₃

Origin: rabbit

Immunogen: isolated CF₁ε subunit of the chloroplast ATP synthase complex from *Chlamydomonas*

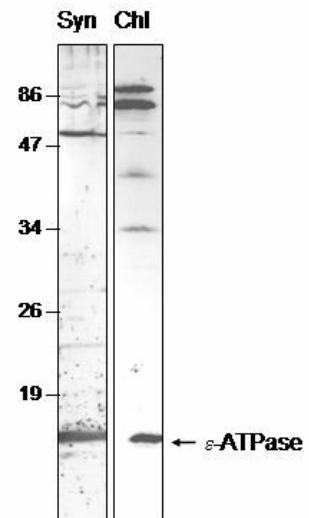
Applications: Western blot (1 : 2.000 for ECL)

Immunocrossreaction: *Chlamydomonas*, higher plants, cyanobacteria

Storage: short term +4°C; long term -20°. Repeated freezing and thawing is not recommended.

Quantity: 100 µl

Protein description: The chloroplast ATP synthase belongs to the family of F₁-type ATPases, which are also present in bacteria and mitochondria. ATP synthase generates ATP from ADP and inorganic phosphate using energy derived from a trans-thylakoidal electrochemical proton gradient. ATP_ε subunit of appr. 14 kDa belongs to a rotor part of ATP synthase. Together with the γ subunit it interacts with CF₀ and may provide the CF₁ contribution to the stalk.



Western blot analysis of *Synechocystis* (Syn) and *Chlamydomonas* (Chl) thylakoid proteins with anti-CF₁ε

For research purposes only