

## Product information

**Antibody name:** anti-CF<sub>1</sub>β (AtpB) subunit of ATP synthase

**Product number:** A03C-1

**Product description:** polyclonal antibody;  
contains 0.01% NaN<sub>3</sub>

**Origin:** rabbit

**Immunogen:** isolated CF<sub>1</sub>β subunit of the chloroplast ATP synthase complex from *Chlamydomonas*

**Applications:** Western blot (1 : 5.000)

**Immunocrossreaction:** higher plants,  
*Chlamydomonas*, 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. CF<sub>0</sub>β subunit is a catalytic peripheral subunit of ATP synthase stator part which binds nucleotides and forms hexameric ring with CF<sub>0</sub>α subunit.



Western blot analysis of *Arabidopsis* thylakoid proteins with anti-CF<sub>1</sub>β

*For research purposes only*