

Product information

Antibody name: anti-thylakoid lumen

Product number: T03S-1

Product description: polyclonal antibody;
contains 0.01% NaN₃

Origin: rabbit

Immunogen: extracted thylakoid luminal proteins
from spinach chloroplasts

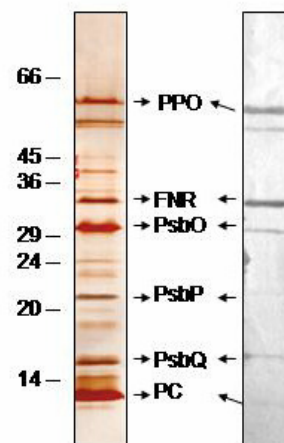
Applications: Western blot (1 : 2.000 for ECL)

Immunocrossreaction: spinach and other higher
plants

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

Quantity: 100 µl

Immunogen description: Intact chloroplasts from spinach were isolated by isopycnic Percoll gradient centrifugation. Thylakoids were separated from stromal proteins after osmotic shock of chloroplasts. Thylakoids were washed in Tricine/Sucrose/MgCl₂-containing buffer and broken twice by a French Press. The luminal proteins were separated from thylakoid membrane proteins by ultra centrifugation.



Silver-staining and Western blot analysis of spinach luminal proteins with anti-thylakoid lumen. PPO – polyphenol oxidase; PC – plastocyanin

For research purposes only