

Product information

Antibody name: anti-thylakoid lumen

Product number: T03S-2

Product description: polyclonal antibody; contains 0.01% NaN₃

Origin: rabbit

Immunogen: extracted thylakoid lumenal 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: 300 µl

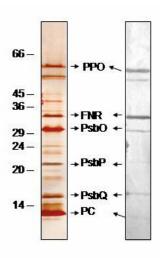
Immunogen description: Intact chloroplasts from spinach were isolated by isopycnic Percoll gradient centrifugation. Thylakoids were separated from stromal proteins after osmotic shock of chloroplasts. Thylakoids were washed in Tricine/Sucrose/MgCl₂- containing buffer and broken twice by a French Press.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

For research purposes only

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