

Anti-Cyt f (Cytochrome f, plant) antibody, rabbit polyclonal

Cat. # 81-035 Size: 200 µg

Background:

Cytochrome f is a component of the cytochrome b6-f complex, which mediates electron transfer between photosystem II (PSII) and photosystem I (PSI), cyclic electron flow around PSI, and state transitions.

Specifications:

Storage: Shipped at 4°C and store at -20°C

Form: 4 mg/ml in PBS, 50% glycerol. Filter sterilized. No preservative or carrier added.

Purity: IgG, affinity-purified with Protein A

Immunogen: Recombinant Spinach Cytochrome f expressed in E. coli.

Reactivity: Cytochrome f of plant including those of maize, Arabidopsis, and spinach

Applications

1. Western blot (1/1,000- 1/5,000 dilution)
2. ELISA (assay dependent)

Other applications have not been tested.

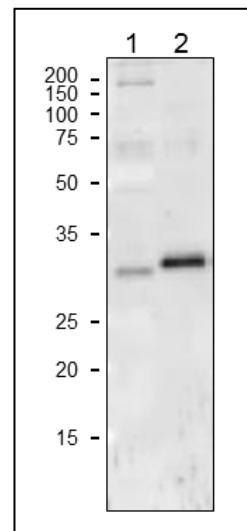
Data Link: UniProtKB [P16013](#) (CYF_SPIOL), [P56771](#) (CYF_ARATH), [P46617](#) (CYF_MAIZE)

Fig. 1 Western Blot of Cyt f in plant leaf extract.

Anti-Cyt f antibody was used at 1/1,000 dilution. Secondary antibody (goat anti-rabbit IgG antibody HRP-conjugated, ab97051) was used at 1/10,000 dilution.

1. Arabidopsis leaf extract, 20 µg
2. Maize leaf extract, 10 µg

Molecular masses of maize Cyt f is 35 kDa (Arabidopsis), 36 kDa (maize). The differences between the predicted sizes and Western Blot data reflect signal peptide removal in mature proteins.



Distributed by AS ONE International, Inc.

Tel: 408-638-7415

www.asone-int.com

info@asone-int.com