

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

81-035 200 µg

Storage: Shipped at 4°C and store at -20°C. Do not freeze.

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

Reactivity: Cytochrome f of plant including Spinach, Arabidopsis and Maize.

Applications:

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

Other applications have not been tested.

Purity: IgG purified with Protein A.

Form: 4 mg/ml in PBS, 50% glycerol. Filter sterilized. No preservative nor carrier protein added.

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.

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

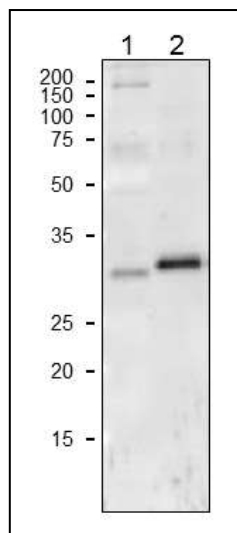


Fig.1 Western Blot of Cyt f in plant leaf extract.

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 WB data reflect signal peptide removal in mature proteins,

Reference: No publication using this antibody.