Bio Academia
Manufacturer

AS ONE

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℃

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.