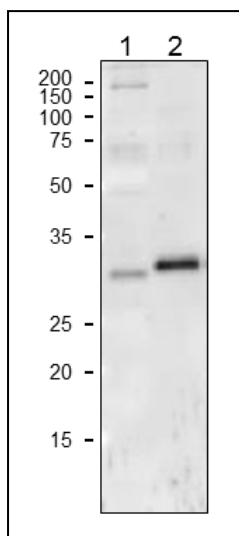


### Anti-Cyt f (Cytochrome f, plant) antibody, rabbit polyclonal

<b>Product code</b>	81-035
<b>Size</b>	200 µg
<b>Storage</b>	-20°C
<b>Concentration</b>	4.0 mg/ml
<b>Buffer</b>	PBS <sup>-</sup> with 50% glycerol
<b>Purity</b>	IgG, affinity-purified with protein A/G mix.
<b>Immunogen</b>	Purified Recombinant Spinach Cytochrome f expressed in E. coli.
<b>Isotype</b>	Rabbit IgG
<b>Reactivity</b>	Cytochrome f of plant including Spinach, Arabidopsis and Maize.
<b>Special notes</b>	N/A
<b>Application</b>	<ol style="list-style-type: none"> <li>Western blotting (1/1,000-1/5,000)</li> <li>ELISA (assay dependent)</li> </ol> Other applications have not been tested.
<b>Background</b>	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.
<b>Data Link</b>	UniProtKB <a href="#">P16013</a> (CYF_SPIOL), <a href="#">P56771</a> (CYF_ARATH), <a href="#">P46617</a> (CYF_MAIZE)

Please note: All products are FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES. NOT FOR MILITARY USE.

**Data Images:** 81-035 Anti Cyt f (Cytochrome f, plant) antibody, rabbit polyclonal



**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.