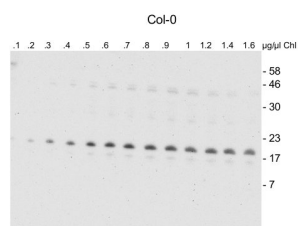


Product no **AS13 2642****CNfu1 | NifU-like protein 1 (chloroplastic)****Product information**

|                       |   |
|-----------------------|---|
| <b>Immunogen</b>      | Recombinant NFU1 derived from <i>Arabidopsis thaliana</i> NFU1 sequence, UniProt: <a href="#">Q93W7Z</a> , TAIR: <a href="#">AT4G01940</a>  |
| <b>Host</b>           | Rabbit  |
| <b>Clonality</b>      | Polyclonal  |
| <b>Purity</b>         | Serum   |
| <b>Format</b>         | Lyophilized   |
| <b>Quantity</b>       | 50 µl   |
| <b>Reconstitution</b> | For reconstitution add 50 µl of sterile water   |
| <b>Storage</b>        | Store lyophilized/reconstituted at -20°C; once reconstituted make aliquots to avoid repeated freeze-thaw cycles. Please remember to spin the tubes briefly prior to opening them to avoid any losses that might occur from material adhering to the cap or sides of the tube. |

**Application information**

|                               |   |
|-------------------------------|---|
| <b>Recommended dilution</b>   | 1 : 1000 (WB)   |
| <b>Expected   apparent MW</b> | 24,77-cTP:17.3 kDa   19 kDa   |
| <b>Confirmed reactivity</b>   | <i>Arabidopsis thaliana</i>   |
| <b>Predicted reactivity</b>   | <i>Capsella rubella</i> , <i>Brassica rapa</i><br>Species of your interest not listed? <a href="#">Contact us</a> |
| <b>Not reactive in</b>        | No confirmed exceptions from predicted reactivity are currently known   |

**application example**

3 µg of total protein from *Arabidopsis thaliana* extracted with were separated on 15 % SDS-PAGE and blotted 1h to PVDF. Blots were blocked with 10% skimmed milk for 1h at room temperature (RT) with agitation. Blot was incubated in the primary antibody at a dilution of 1: 1 000 overnight at 4°C with agitation. The antibody solution was decanted and the blot was rinsed briefly twice, then washed twice for 15 min and 4 times for 5 min in TBS-T at RT with agitation. Blot was incubated in secondary antibody (Goat anti Rabbit HRP) diluted to 1:15 000 in TBS-T for 1h at RT with agitation. The blot was washed as above and developed for 5 min with ECL according to the manufacturer's instructions. Exposure time was 30 seconds.

Primary antibody can be also incubated with a good result for 1h/RT.

Courtesy of Dr. Rikard Fristedt, UCLA, USA