

Product no **AS14 2770****ZCP1 | Zinc Chaperone Protein****Product information**

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| Immunogen | Recombinant, full length ZCP1 protein of <i>Chlamydomonas reinhardtii</i> , Cre14.g630871, UniProt: A0A059VIM6 |
| Host | Rabbit |
| Clonality | Polyclonal |
| Purity | Serum |
| Format | Lyophilized |
| Quantity | 50 µl |
| Reconstitution | For reconstitution add 50 µl of sterile water |
| Storage | 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

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| Recommended dilution | 1 : 1000 (WB) |
| Expected apparent MW | 35 46 kDa |
| Confirmed reactivity | <i>Chlamydomonas reinhardtii</i> |
| Predicted reactivity | <i>Emiliana huxleyi</i> Species of your interest not listed? Contact us |
| Not reactive in | No confirmed exceptions from predicted reactivity are currently known |
| Additional information | This antibody can be used as a marker of zinc homeostasis in <i>Chlamydomonas reinhardtii</i> . |

application example

Chlamydomonas reinhardtii whole-cell extracts corresponding to 10 µl 1 x 10⁷ cells/ml per well (except dilutions as indicated) were separated on a 12% SDS-PAGE gel and blotted to nitrocellulose for 90 min. at 1.5 mA cm⁻². The membrane was blocked with 1% bovine calf serum in PBS-T overnight at 4deg C. Blot was incubated in the primary antibody at a dilution of 1: 1 000 for 2 hr at RT with agitation. The antibody solution was decanted and the blot was rinsed briefly, then washed 3 times for 5 min in PBS-T with agitation. Blot was incubated in secondary antibody (anti-rabbit IgG horse alkaline phosphatase conjugated, from Southern Biotech) diluted to 1:3000 in PBS-T for 45 min at RT with agitation. The membrane was washed 2 times for 5 min in PBS-T, then rinsed with TBS, and developed.

Courtesy of Crysten Blaby, UCLA, USA