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Product no AS14 2770

ZCP1 | Zinc Chaperone Protein

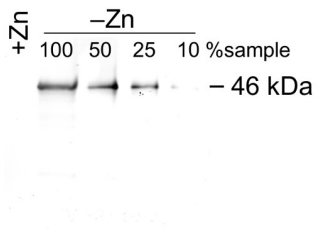
Product information

Immunogen	Recombinant, full length ZCP1 protein of *Chlamydomonas reinhardtii*, 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

Recommended dilution	1 : 1000 (WB)
Expected | apparent MW	35 | 46 kDa
Confirmed reactivity	*Chlamydomonas reinhardtii*
Predicted reactivity	*Emiliania huxleyi* 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 *Chlamydomonas reinhardtii*.

application example



Chlamydomonas reinhardtii whole-cell extracts corresponding to 10 µl 1 x 10 7 cells/ml per well (except dilutions as indicated) were separated on a 12% SDS-PAGE gel and blotted to nitrocellulosefor 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