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contact: support@agrisera.com

Agrisera AB | Box 57 | SE-91121 Vännäs | Sweden | +46 (0)935 33 000 | www.agrisera.com

Product no AS06 159

## Anti-NtrC | Thioredoxin reductase (TR/TRxR) (algal)

## **Product information**

Immunogen KLH-conjugated peptide derived from N-terminal domain of NtrC of Chlamydomonas reinhardtii A8HNQ7

Host Rabbit

Clonality Polyclonal

**Purity** Immunogen affinity purified serum in PBS pH 7.4.

Format Lyophilized

Quantity 200 μg

**Reconstitution** For reconstitution add 100 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.

Additional information Peptide target chosen from the N-terminal domain, nearly fully conserved within 3-4 NtrA-related proteins from

Arabidopsis thalina and with NtrC related proteins from Chlamydomonas reinhardtii and Synechococcus sp. 7942 and

other cyanobacteria

## **Application information**

Recommended dilution 1:500 (WB)

Expected | apparent 55.3 | 49 kDa (following processing)

Confirmed reactivity | Chlamydomonas reinhardtii

Predicted reactivity Chlamydia sp., Marchantia polymorpha, Nannochloropsis gaditana, Ostreococcus luminarius, Physcomitrium patens,

Synechococcus sp.

Species of your interest not listed? Contact us

Not reactive in Arabidopsis thaliana

Additional information Antibody will react with long NtrC of Chlamydomonas reinhardtii proteins and shorter NtrA-type rpoteins, which would

be distinguished by migration size.