

Product no **AS07 243****NtrC | Thioredoxin reductase (TR/TRxR) (higher plants)****Product information****Immunogen** | KLH-conjugated peptide derived from N-terminal domain of NtrC of *Chlamydomonas reinhardtii* [A8HNQZ](#)The peptide is perfectly conserved in *Arabidopsis thaliana* NTRC, UniProt: , TAIR: [AT2G41680](#)**Host** | Rabbit**Clonality** | Polyclonal**Purity** | Immunogen affinity purified serum in PBS pH 7.4.**Format** | Lyophilized**Quantity** | 200 µg**Reconstitution** | For reconstitution add 300 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 thaliana* and with NtrC related proteins from *Chlamydomonas reinhardtii* and *Synechococcus* sp. 7942 and other cyanobacteria**Application information****Recommended dilution** | 1 : 500 (WB)**Expected | apparent MW** | 55.3 kDa (*Chlamydomonas reinhardtii*), 57.9 kDa (*Arabidopsis thaliana*), further processed into the matured form**Confirmed reactivity** | *Arabidopsis thaliana***Predicted reactivity** | *Anthurium amnicola*, *Brachypodium distachyon*, *Brassica napus*, *Brassica oleracea*, *Capsella rubella*, *Capsicum annuum*, *Cephalotus follicularis*, *Chlamydomonas reinhardtii*, *Chlamydia* sp., *Cicer arietinum*, *Citrus sinensis*, *Cucumis melo*, *Cucumis sativus*, *Dendrobium catenatum*, *Eutrema salsugineum*, *Genlisea aurea*, *Ostreococcus lumenarius*, *Synechococcus* sp., *Glycine soja*, *Glycine max*, *Gossypium raimondii*, *Hordeum vulgare*, *Juglans regia*, *Leersia perrieri*, *Manihot esculenta*, *Medicago truncatula*, *Musa acuminata* subsp. *malaccensis*, *Nicotiana tabacum*, *Nelumbo nucifera*, *Noccaea caerulea*, *Oryza barthii*, *Phoenix dactylifera*, *Populus trichocarpa*, *Ricinus communis*, *Solanum lycopersicum*, *Sorghum bicolor*, *Theobroma cacao*, *Triticum aestivum*, *Zea mays*, *Vigna angularis* var. *angularis*, *Vitis vinifera*Species of your interest not listed? [Contact us](#)