



Figure 2

Association of 2-Cys PRX with thylakoid membranes depends on the photoperiod

Immuno-detection of 2-Cys PRX in (A) leaf extracts (50 μg protein per well), (B) thylakoid membranes (5 μg chl per well) or (C) PSI complexes (0.5 μg chl per well) prepared from plants grown either in short day (SD) or long day (LD) conditions. Immuno-detection of PsaF and coomassie staining (input) were taken as membrane-associated protein extraction and gel loading controls, respectively. SDS (2%) and DTT (10 mM) treatments of membrane samples (M) were performed for 10 min at RT. After centrifugation the supernatant (SN) was collected and supplemented with non-reducing gel loading blue prior heat treatment and gel loading.