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PSBS (C) Antibody, Rabbit Polyclonal

Cat#: R3583-1

Quantity: 100 ul

Predicted | Observed M.W.: 28 kDa

Lot#: Refer to vial

Application: WB

Uniprot ID: Q9XF91

Background:

Photosystem II 22 kDa protein, chloroplastic (PSBS) seems to be involved in non-photochemical quenching, a process maintains the balance between dissipation and utilization of light energy to minimize generation of oxidizing molecules, thereby protecting the plant against photo-oxidative damage.

Other Names:

Photosystem II 22 kDa protein, chloroplastic; CP22

Source and Purity:

Rabbit polyclonal antibodies were produced by immunizing animals with a GST-fusion protein containing the C-terminal region of *arabidopsis thaliana* PSBS (AT1G44575). Antibodies were purified by affinity purification using immunogen.

Storage Buffer and Condition:

Supplied in 1 x PBS (pH 7.4), 100 ug/ml BSA, 40% Glycerol, 0.01% NaN₃. Store at -20 °C. Stable for 6 months from date of receipt.

Species Specificity:

Arabidopsis thaliana

Tested Applications:

WB: 1:500-1:2,000 (detect endogenous protein*)

*: The apparent protein size on WB may be different from the calculated M.W. due to modifications.

Product Data:

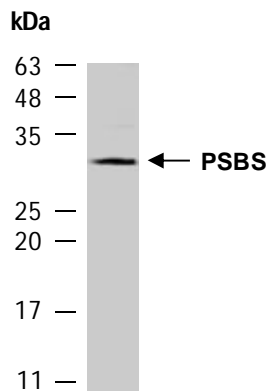


Fig 1. Western blot of total protein extracts from *arabidopsis* leaves; using anti-PSBS (C) (R3583-1) at RT for 2 h.