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Product no AS06 109

Anti-PsaN | PSI-N subunit of photosystem I

Product information

Immunogen	KLH-conjugated synthetic peptide chosen from *Arabidopsis thaliana* PsaN protein sequence At5g64040
Host	Rabbit
Clonality	Polyclonal
Purity	Immunogen affinity purified serum in PBS pH 7.4.
Format	Lyophilized
Quantity	200 µg
Reconstitution	For reconstitution add 133 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	9.7 kDa
Confirmed reactivity	*Arabidopsis thaliana, Hordeum vulgare, Nicotiana tabacum*
Predicted reactivity	*Catalpa bungei, Phaseolus vulgaris, Oryza sativa, Populus balsamifera, Zea mays,Vitis vinifera* Species of your interest not listed? Contact us
Not reactive in	*Chlamydomonas reinhardtii*, *Synechococcus* sp. PCC7942
Selected references	Collombat et al. (2025). Arabidopsis conditional photosynthesis mutants abc1k1 and var2 accumulate partially processed thylakoid preproteins and are defective in chloroplast biogenesis. Commun Biol . 2025 Jan 22;8(1):111. doi: 10.1038/s42003-025-07497-y. Hansson et al. (2007). Knock-out of the chloroplast encoded PSI-J Subunit of Photosystem I in Nicotiana tabacum: PSI-J is required for efficient electron transfer and stable accumulation of photosystem I. FEBS J. 274: 1734-1746.