

Product no **AS06 109****Anti-PsaN | PSI-N subunit of photosystem I****Product information**

<b>Immunogen</b>	KLH-conjugated synthetic peptide chosen from <i>Arabidopsis thaliana</i> PsaN protein sequence <a href="#">At5g64040</a>
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Purity</b>	Immunogen affinity purified serum in PBS pH 7.4.
<b>Format</b>	Lyophilized
<b>Quantity</b>	200 µg
<b>Reconstitution</b>	For reconstitution add 133 µl of sterile water
<b>Storage</b>	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**

<b>Recommended dilution</b>	1 : 1000 (WB)
<b>Expected   apparent MW</b>	9.7 kDa
<b>Confirmed reactivity</b>	<i>Arabidopsis thaliana</i> , <i>Hordeum vulgare</i> , <i>Nicotiana tabacum</i>
<b>Predicted reactivity</b>	<i>Catalpa bungei</i> , <i>Phaseolus vulgaris</i> , <i>Oryza sativa</i> , <i>Populus balsamifera</i> , <i>Zea mays</i> , <i>Vitis vinifera</i> Species of your interest not listed? <a href="#">Contact us</a>
<b>Not reactive in</b>	<i>Chlamydomonas reinhardtii</i> , <i>Synechococcus</i> sp. PCC7942
<b>Selected references</b>	<a href="#">Collombat</a> 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. <a href="#">Hansson</a> et al. (2007). Knock-out of the chloroplast encoded PSI-J Subunit of Photosystem I in <i>Nicotiana tabacum</i> : PSI-J is required for efficient electron transfer and stable accumulation of photosystem I. FEBS J. 274: 1734-1746.