

Product no **AS07 240****Anti-Psb29 | Thylakoid membrane formation 1, THF1****Product information**

Immunogen	KLH-conjugated peptide derived from known sequences of Psb29 including <i>Arabidopsis thaliana</i> Q9SKT0, At2g20890
Host	Rabbit
Clonality	Polyclonal
Purity	Immunogen affinity purified serum in PBS pH 7.4.
Format	Lyophilized
Quantity	200 µg
Reconstitution	For reconstitution add 100 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	5 µg in 300 µl (IP), 1 : 10 000 (WB)
Expected apparent MW	33.7 22 kDa
Confirmed reactivity	<i>Arabidopsis thaliana</i> , <i>Hordeum vulgare</i> , <i>Nicotiana benthamiana</i>
Predicted reactivity	<i>Nicotiana tabacum</i> , <i>Oryza sativa</i> , <i>Ostreococcus sp.</i> , <i>Picea sitcHensis</i> , <i>Populus balsamifera</i> , <i>Physcomitrium patens</i> , <i>Solanum lycopersicum</i> , <i>Solanum tuberosum</i>
	Species of your interest not listed? Contact us
Not reactive in	<i>Chlamydomonas reinhardtii</i>
Selected references	Hamel et al. (2016). The chloroplastic protein THF1 interacts with the coiled-coil domain of the disease resistance protein N' and regulates light-dependent cell death. Plant Physiol. 2016 Mar 7. pii: pp.00234.2016 Huang et al. (2013). Arabidopsis Thylakoid Formation 1 Is a Critical Regulator for Dynamics of PSII-LHCII Complexes in Leaf Senescence and Excess Light. Mol Plant. May 13.