

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

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| 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

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| 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. <i>Plant Physiol.</i> 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. <i>Mol Plant.</i> May 13. |