

Product no **AS16 4058****Anti-ClpT1 | ATP-dependent Clp protease ATP-binding subunit CLPT1 (chloroplastic)****Product information**

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| <b>Immunogen</b>      | BSA-conjugated peptide derived from ClpT1 of <i>Arabidopsis thaliana</i> , TAIR: <a href="#">AT4G25370</a> , UniProt: <a href="#">Q93WL3</a>                                                                                                                                  |
| <b>Host</b>           | Rabbit                                                                                                                                                                                                                                                                        |
| <b>Clonality</b>      | Polyclonal                                                                                                                                                                                                                                                                    |
| <b>Purity</b>         | Serum                                                                                                                                                                                                                                                                         |
| <b>Format</b>         | Lyophilized                                                                                                                                                                                                                                                                   |
| <b>Quantity</b>       | 50 µl                                                                                                                                                                                                                                                                         |
| <b>Reconstitution</b> | For reconstitution add 50 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**

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| <b>Recommended dilution</b>   | 1 : 4000 (WB)                                                                                                                                                                                                                                                                                                |
| <b>Expected   apparent MW</b> | 26   19 kDa                                                                                                                                                                                                                                                                                                  |
| <b>Confirmed reactivity</b>   | <i>Arabidopsis thaliana</i>                                                                                                                                                                                                                                                                                  |
| <b>Not reactive in</b>        | No confirmed exceptions from predicted reactivity are currently known                                                                                                                                                                                                                                        |
| <b>Additional information</b> | For western blot detection image refer to the article below                                                                                                                                                                                                                                                  |
| <b>Selected references</b>    | <a href="#">Sjögren</a> et al. (2004). Inactivation of the clpC1 gene encoding a chloroplast Hsp100 molecular chaperone causes growth retardation, leaf chlorosis, lower photosynthetic activity, and a specific reduction in photosystem content. Plant Physiol. 2004 Dec;136(4):4114-26. Epub 2004 Nov 24. |