

Product no **AS16 4052****Anti-ClpP5 | ATP-dependent Clp protease proteolytic subunit 5 (chloroplastic)****Product information**

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| Immunogen | BSA-conjugated peptide derived from ClpP5 of <i>Arabidopsis thaliana</i> , TAIR: AT1G02560 , UniProt: Q9S834 . |
| Host | Rabbit |
| Clonality | Polyclonal |
| Purity | Serum |
| Format | Lyophilized |
| Quantity | 50 µl |
| Reconstitution | For reconstitution add 50 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 | 1 : 1000 (WB) |
| Expected apparent MW | 32 22.5 kDa |
| Confirmed reactivity | <i>Arabidopsis thaliana</i> |
| Predicted reactivity | <i>Ananas comosus</i> , <i>Beta vulgaris</i> , <i>Brachypodium distachyon</i> , <i>Brassica napus</i> , <i>Cajanus cajan</i> , <i>Capsella rubella</i> , <i>Carica papaya</i> , <i>Citrus sinensis</i> , <i>Cucumis sativus</i> , <i>Daucus carota subsp. sativus</i> , <i>Erythranthe guttata</i> , <i>Eucalyptus grandis</i> , <i>Genlisea aurea</i> , <i>Glycine max</i> , <i>Gossypium raimondii</i> , <i>Hordeum vulgare</i> , <i>Jatropha curcas</i> , <i>Marchantia polymorpha subsp. polymorpha</i> , <i>Medicago truncatula</i> , <i>Nicotiana tabacum</i> , <i>Oryza sativa</i> , <i>Phaseolus vulgaris</i> , <i>Physcomitrium patens</i> , <i>Populus trichocarpa</i> , <i>Prunus persica</i> , <i>Ricinus communis</i> , <i>Setaria italica</i> , <i>Solanum tuberosum</i> , <i>Sorghum bicolor</i> , <i>Spinacia oleracea</i> , <i>Theobroma cacao</i> , <i>Triticum aestivum</i> , <i>Zea mays</i> , <i>Zostera marina</i> , <i>Vitis vinifera</i> |
| | Species of your interest not listed? Contact us |
| Not reactive in | No confirmed exceptions from predicted reactivity are currently known |
| Additional information | For western blot detection image refer to the article below |
| Selected references | Zheng et al. (2002). Characterization of Chloroplast Clp proteins in Arabidopsis: Localization, tissue specificity and stress responses. <i>Physiol Plant</i> . 2002 Jan;114(1):92-101. |