

Product no **AS23 4940****Anti-cAPX | Ascorbate peroxidase (cytosolic) (plant)****Product information**

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| Immunogen | KLH-conjugated peptide derived from APX1 and APX2 sequence of <i>Arabidopsis thaliana</i> UniProt: Q05431(APX1) and Q1PER6(APX2), AT1G07890 (APX1) and AT3G09640 (APX2) |
| Host | Rabbit |
| Clonality | Polyclonal |
| Purity | Antigen affinity purified serum, in PBS pH 7.4 |
| Format | Lyophilized |
| Quantity | 50 µg |
| Reconstitution | For reconstitution, add 50 µl of sterile or deionized water. |
| Storage | Store lyophilized/reconstituted at -20°C; once reconstituted make aliquots to avoid repeated freeze-thaw cycles. Please, remember to spin tubes briefly prior to opening them to avoid any losses that might occur from lyophilized material adhering to the cap or sides of the tubes. |

Application information

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| Recommended dilution | 1 : 1000 (WB) |
| Expected apparent MW | 27.5-28 kDa |
| Confirmed reactivity | <i>Arabidopsis thaliana</i> |
| Predicted reactivity | <i>Brachypodium distachyon</i> , <i>Brassica napus</i> , <i>Hordeum vulgare</i> , <i>Nicotiana tabacum</i> , <i>Oryza sativa</i> , <i>Pisum sativum</i> , <i>Saccharum</i> , <i>Solanum lycopersicum</i> , <i>Solanum tuberosum</i> , <i>Sorghum bicolor</i> , <i>Triticum sp.</i> , <i>Zea mays</i> |
| | Species of your interest not listed? Contact us |
| Not reactive in | No confirmed exceptions from predicted reactivity are currently known |
| Selected references | To be added when available, antibody available in June 2024. |