

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

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

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	<i>Symbiodinium microadriaticum</i>
Selected references	Salguero-Linares et al. (2025). Lack of AtMC1 catalytic activity triggers autoimmunity dependent on NLR stability. EMBO Rep . 2025 May;26(9):2378-2412. doi: 10.1038/s44319-025-00426-4.