

Product no **AS23 4960****Anti-SDH1/2 | Succinate dehydrogenase 1/2****Product information**

Immunogen	KLH-conjugated peptide derived from <i>Arabidopsis thaliana</i> SDH1-1: UniProt: A0A178UAN3 TAIR: AT5G66760 and SDH1-2: UniProt: A0A178VRF6 TAIR: AT2G18450
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 - 1 : 2000 (WB)
Expected apparent MW	69.9 kDa
Confirmed reactivity	<i>Nicotiana tabacum</i> (BY-2), <i>Solanum tuberosum</i> , <i>Vigna radiata</i>
Predicted reactivity	<i>Arabidopsis thaliana</i> , <i>Arachis hypogaea</i> , <i>Brachypodium distachyon</i> , <i>Brassica napus</i> , <i>Capsicum annuum</i> , <i>Cannabis sativa</i> , <i>Glycine max</i> , <i>Gossypium sp.</i> , <i>Hordeum vulgare</i> , <i>Malus domestica</i> , <i>Manihot esculenta</i> , <i>Medicago truncatula</i> , <i>Nicotiana tabacum</i> , <i>Oryza sativa</i> , <i>Pisum sativum</i> , <i>Populus sp.</i> , <i>Solanum lycopersicum</i> , <i>Sorghum bicolor</i> , <i>Spinacia oleracea</i> , <i>Solanum tuberosum</i> , <i>Theobroma cacao</i> , <i>Triticum sp.</i> , <i>Vitis vinifera</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 released in September 2025.



10 µg of mitochondrial protein from *Nicotiana tabacum* cell suspension (1A) BY-2 control cells, (2A) BY-2 2h stressed cells with 450 mM Mannitol, (3A) BY-2 2h stressed cells with 190 mM Mannitol, (M) PageRuler™ Plus Prestained Protein Ladder and 20 µg of mitochondrial protein from (1B) BY-2 control cells, (2B) BY-2 2h stressed cells with 450 mM Mannitol, (3B) BY-2 2h stressed cells with 190 mM Mannitol. Primary antibody was used in 1 : 20 000 dilution. Secondary SDH 1/2 (Succinate dehydrogenase) antibody was used in 1:2000 dilution. Detection was performed using chemiluminescence by Bio- Rad ChemiDoc Imager, following manufacture's recommendations.