

Product no **AS03 035-DL488****SPS | Sucrose phosphate synthase, global, DyLight® 488 conjugated (40 µg)****Product information**

Immunogen	KLH-conjugated synthetic peptide derived from conserved region within plant SPS protein sequences, including <i>Arabidopsis thaliana</i> isoforms 1F Q94BT0 , 2F, 3F and 4F. <i>Oryza sativa</i> Q67WN8 , <i>Solanum tuberosum</i> Q43845
Host	Rabbit
Clonality	Polyclonal
Purity	Immunogen affinity purified serum, in PBS pH 7.4, conjugated to DyLight® 488.
Format	Liquid
Quantity	40 µg
Storage	Store at 4°C for 12-18 months. A preservative may be added for long time storage, up to 2 years. Shortly spin the tube before use.
Additional information	DyLight® 488 has Amax = 493 nm, Emax = 518 nm. DyLight® is a registered trademark of ThermoFisher Inc., and its subsidiaries.

Application information

Recommended dilution	To be determined by end user
Expected apparent MW	120 120-130 kDa (fragments of 30/90 kDa may be detected)
Confirmed reactivity	<i>Arabidopsis thaliana</i> , <i>Colobanthus quitensis</i> Kunt Bartl, <i>Hordeum vulgare</i> , <i>Lycopersicum esculentum</i> , <i>Lycopersicum penelli</i> , <i>Solanum tuberosum</i> , <i>Triticum aestivum</i> , <i>Pinus strobus</i> , <i>Zea mays</i>
Predicted reactivity	<i>Brassica napus</i> , <i>Citrus sinensis</i> , <i>Glycine max</i> , <i>Nicotiana tabacum</i> , <i>Oryza sativa</i> , <i>Physcomitrella patens</i> , <i>Populus balsamifera</i> , <i>Robinia pseudoacaci</i> , <i>Ricinus communis</i> , <i>Saccharum officinarum</i> , <i>Solanum lycopersicum</i> , <i>Theobroma cacao</i> , <i>Vicia faba</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	Peptide used to elicit anti-SPS antibodies is perfectly conserved in all isoforms of SPS in plants.
Selected references	To be added when available, antibody released in May 2023.