Agrisera
Part of Olink® Group

This product is **for research use only** (not for diagnostic or therapeutic use) **contact: support@agrisera.com**

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Product no AS03 035-DL594

Anti-SPS | Sucrose phosphate synthase, global, DyLight® 594 conjugated (40 µg)

Product information

Immunogen	KLH-conjugated synthetic peptide derived from conserved region within plant SPS protein sequences, including *Arabidopsis thaliana* isoforms 1F Q94BT0, 2F, 3F and 4F. *Oryza sativa* Q67WN8, *Solanum tuberosum* Q43845
Host	Rabbit
Clonality	Polyclonal
Purity	Immunogen affinity purified serum, n PBS pH 7.4, conjugated to DyLight® 594.
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® 594 has Amax = 593 nm, Emax = 618 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	*Arabidopsis thaliana, Colobanthus quitensis Kunt Bartl, Hordeum vulgare, Lycopersicum esculentum, Lycopersicum penelli, Solanum tuberosum, Triticum aestivum, Pinus strobus, Zea mays*
Predicted reactivity	*Brassica napus, Citrus sinensis, Glycine max, Nicotiana tabacum, Oryza sativa, Physcomitrella patens, Populus balsamifera, Robinia pseudoacaci, Ricinus communis, Saccharum officinarum, Solanum lycopersicum, Theobroma cacao, Vicia faba, Vitis vinifera* 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.