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## Product Datasheet

### Anti-SPS | Sucrose phosphate synthase, global, ALP-conjugated (), Polyclonal AGR-AS03-035-ALP

|                            |   |
|----------------------------|---|
| Article Name               | Anti-SPS   Sucrose phosphate synthase, global, ALP-conjugated (),<br>Polyclonal   |
| Biozol Catalog Number      | AGR-AS03-035-ALP  |
| Supplier Catalog Number    | AS03-035-ALP  |
| Alternative Catalog Number | AGR-AS03-035-ALP  |
| Manufacturer               | Agrisera  |
| Host                       | Rabbit  |
| Category                   | Antikörper  |
| Application                | WB  |
| Species Reactivity         | A. thaliana, Plant  |
| 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  |
| Conjugation                | alp   |
| Product Description        | SPS (sucrose phosphate synthase, EC 2.4.1.14) is the key enzyme of carbon flux into sucrose fixation in plants. It catalyzes the synthesis of sucrose-phosphate from UDP-glucose and fructose-6-phosphate predominantly in the cytosol of sucrose-source l... |
| Clonality                  | Polyclonal  |
| Molecular Weight           | 120   120-130 kDa (fragments of 30/90 kDa may be detected)  |

|                    |  |
|--------------------|--|
| NCBI               | <a href="#">832150</a>   |
| UniProt            | <a href="#">Q94BT0</a>   |
| Purity             | Immunogen affinity purified serum, n PBS pH 7.4, conjugated to ALP.                                |
| Form               | Liquid   |
| Antibody Type      | Polyclonal Antibody  |
| Application Dilute | 1 : 1000-1 : 5000 (WB)   |
| Application Notes  | Peptide used to elicit anti-SPS antibodies is perfectly conserved in all isoforms of SPS in plants |