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## Product Datasheet

### **Anti-SPS | Sucrose phosphate synthase, global, Biotin-conjugated (), Rabbit, Polyclonal AGR-AS03-035B**

|                            |                                                                                                                                                                                                                                                                        |
|----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Article Name               | Anti-SPS   Sucrose phosphate synthase, global, Biotin-conjugated (),<br>Rabbit, Polyclonal                                                                                                                                                                             |
| Biozol Catalog Number      | AGR-AS03-035B                                                                                                                                                                                                                                                          |
| Supplier Catalog Number    | AS03-035B                                                                                                                                                                                                                                                              |
| Alternative Catalog Number | AGR-AS03-035B                                                                                                                                                                                                                                                          |
| Manufacturer               | Agrisera                                                                                                                                                                                                                                                               |
| Host                       | Rabbit                                                                                                                                                                                                                                                                 |
| Category                   | Antikörper                                                                                                                                                                                                                                                             |
| Application                | WB                                                                                                                                                                                                                                                                     |
| Species Reactivity         | A. thaliana, Plant                                                                                                                                                                                                                                                     |
| Immunogen                  | KLH-conjugated synthetic peptide derived from conserved region<br>within plant SPS protein sequences, including Arabidopsis thaliana<br>isoforms 1F Q94BT0, 2F, 3F and 4F. Oryza sativa Q67WN8, Solanum<br>tuberosum Q43845                                            |
| Conjugation                | biotin                                                                                                                                                                                                                                                                 |
| Product Description        | SPS (sucrose phosphate synthase, EC 2.4.1.14) is the key enzyme of<br>carbon flux into sucrose fixation in plants. It catalyzes the synthesis<br>of sucrose-phosphate from UDP-glucose and fructose-6-phosphate<br>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 in PBS pH 7.4.                                                   |
| 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 |