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## Product Datasheet

### Anti-MS | Malate synthase, (glyoxysomal), Rabbit, Polyclonal AGR-AS19-4295

|                          |                                                                                                                                                                                                                                                               |
|--------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Artikelname              | Anti-MS   Malate synthase, (glyoxysomal), Rabbit, Polyclonal                                                                                                                                                                                                  |
| Artikelnummer            | AGR-AS19-4295                                                                                                                                                                                                                                                 |
| Hersteller Artikelnummer | AS19-4295                                                                                                                                                                                                                                                     |
| Alternativnummer         | AGR-AS19-4295                                                                                                                                                                                                                                                 |
| Hersteller               | Agrisera                                                                                                                                                                                                                                                      |
| Wirt                     | Rabbit                                                                                                                                                                                                                                                        |
| Kategorie                | Antikörper                                                                                                                                                                                                                                                    |
| Applikation              | WB                                                                                                                                                                                                                                                            |
| Spezies Reaktivität      | Plant                                                                                                                                                                                                                                                         |
| Immunogen                | KLH-conjugated peptide derived from Cucurbita maxima UniProt: P24571                                                                                                                                                                                          |
| Produktbeschreibung      | Malate synthase is involved in the synthesis of (S)-malate from isocitrate, where it catalyses the reaction: acetyl-CoA + glyoxylate + H(2)O = (S)-malate + CoA + H(+). This is part of the glyoxylate cycle, which is itself part of carbohydrate metabol... |
| Klonalität               | Polyclonal                                                                                                                                                                                                                                                    |
| Molekulargewicht         | 65 kDa                                                                                                                                                                                                                                                        |
| UniProt                  | <a href="#">P24571</a>                                                                                                                                                                                                                                        |
| Reinheit                 | Serum                                                                                                                                                                                                                                                         |

|                        |                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Formulierung           | Lyophilized                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Antibody Type          | Polyclonal Antibody                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Application Verdünnung | 1 : 1000 (WB)                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Anwendungsbeschreibung | <p>Experimental contitions: 5 µg of total protein extracted freshly from 3-4 weeks old plant leaves with a blender at 4 C in 300 mM Sorbitol, 50 mM HEPES, 5mM MgCl<sub>2</sub>. Separated on 10 % SDS-PAGE and blotted 1h to PVDF, semi-dry. Blot was blocked with 6 % milk for 1h 4C with agitation. Blot was incubated in the primary antibody at a dilution of 1: 1 000 ON at 4C with agitation. According to South et. al (2019).</p> |