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## Product Datasheet

### Anti-TROL | Thylakoid rhodanese-like protein, Rabbit, Polyclonal AGR-AS19-4257

|                          |                                                                                                                                                                                                                                                               |
|--------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Artikelname              | Anti-TROL   Thylakoid rhodanese-like protein, Rabbit, Polyclonal                                                                                                                                                                                              |
| Artikelnummer            | AGR-AS19-4257                                                                                                                                                                                                                                                 |
| Hersteller Artikelnummer | AS19-4257                                                                                                                                                                                                                                                     |
| Alternativnummer         | AGR-AS19-4257                                                                                                                                                                                                                                                 |
| Hersteller               | Agrisera                                                                                                                                                                                                                                                      |
| Wirt                     | Rabbit                                                                                                                                                                                                                                                        |
| Kategorie                | Antikörper                                                                                                                                                                                                                                                    |
| Applikation              | WB                                                                                                                                                                                                                                                            |
| Spezies Reaktivität      | A. thaliana, Plant                                                                                                                                                                                                                                            |
| Immunogen                | KLH-conjugated peptide derived from Arabidopsis thaliana TROL (thylakoid rhodanese-like protein) protein sequence, UniProt: Q9M158, TAIR: AT4G01050                                                                                                           |
| Produktbeschreibung      | TROL (thylakoid rhodanese-like protein) is an integral membrane component associated to the photosynthetic apparatus of higher plants. TROL is involved in the final step of photosynthetic electron transport by binding a key energy-conversion enzyme f... |
| Klonalität               | Polyclonal                                                                                                                                                                                                                                                    |
| Molekulargewicht         | 55-60 kDa                                                                                                                                                                                                                                                     |
| NCBI                     | <a href="#">827921</a>                                                                                                                                                                                                                                        |
| UniProt                  | <a href="#">Q9M158</a>                                                                                                                                                                                                                                        |

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|------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reinheit               | Serum                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Formulierung           | Lyophilized                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Antibody Type          | Polyclonal Antibody                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Application Verdünnung | 1: 1000 - 1 : 3000 (WB)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Anwendungsbeschreibung | <p>TROL protein can be used as a chloroplast dual-localization marker: for the thylakoids (the major portion of the protein) and the chloroplastic inner envelope. Since the envelopes make a very small portion of the total membranes, the envelope form of TROL is detectable only when isolated envelopes are applied. For AgriseraECLBright and Agrisera matching secondary antibodies goat anti-rabbit HRP conjugated, dilution 1: 25 000 1h/RT incubation (AS09 602), anti-TROL antibodies can be used in dilution of 1:3000.Recommendation: 2 µg chlorophyll/well. With increased protein or chlorophyll load/well background bands may be detected. Check here.</p> |