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## Product Datasheet

### Anti-GPX | Glutathione peroxidase (chloroplastic), Rabbit, Polyclonal AGR-AS04-055

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| Artikelname              | Anti-GPX   Glutathione peroxidase (chloroplastic), Rabbit, Polyclonal                                                                                                                                                                                                                   |
| Artikelnummer            | AGR-AS04-055                                                                                                                                                                                                                                                                            |
| Hersteller Artikelnummer | AS04-055                                                                                                                                                                                                                                                                                |
| Alternativnummer         | AGR-AS04-055                                                                                                                                                                                                                                                                            |
| Hersteller               | Agrisera                                                                                                                                                                                                                                                                                |
| Wirt                     | Rabbit                                                                                                                                                                                                                                                                                  |
| Kategorie                | Antikörper                                                                                                                                                                                                                                                                              |
| Applikation              | ELISA, WB                                                                                                                                                                                                                                                                               |
| Spezies Reaktivität      | A. thaliana                                                                                                                                                                                                                                                                             |
| Immunogen                | thioredoxin fusion of 58 amino acid region between Ser at position 175 and the C-terminal Ala of Arabidopsis thaliana GPX7 accession At4g31870 has been used for antibody production                                                                                                    |
| Produktbeschreibung      | GPX belongs to the group of enzymes that protect cells against oxidative damage generated by reactive oxygen species (ROS). Glutathione peroxidase catalyzes the reduction of H <sub>2</sub> O <sub>2</sub> , organic hydroperoxides, and lipid peroxides in the presence of glutath... |
| Klonalität               | Polyclonal                                                                                                                                                                                                                                                                              |
| Molekulargewicht         | 25   20 kDa                                                                                                                                                                                                                                                                             |
| NCBI                     | <a href="#">829316</a>                                                                                                                                                                                                                                                                  |
| UniProt                  | <a href="#">Q9SZ54</a>                                                                                                                                                                                                                                                                  |

|                        |                                                                                                                                                                                                           |
|------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reinheit               | Serum                                                                                                                                                                                                     |
| Formulierung           | Lyophilized                                                                                                                                                                                               |
| Antibody Type          | Polyclonal Antibody                                                                                                                                                                                       |
| Application Verdünnung | 1 : 1, 1 : 2, 1 :4, 1 :8, 1 : 16 (ELISA), 1 : 5000 (WB)                                                                                                                                                   |
| Anwendungsbeschreibung | This antibody is recognizing Arabidopsis thaliana GPX (two chloroplastic isoforms). Antibody has also a weak cross-reactivity to cytosolic forms, therefore work on isolated chloroplasts is recommended. |