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# Product Datasheet

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

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|---|---|
| Article Name | Anti-GPX \| Glutathione peroxidase (chloroplastic), Rabbit, Polyclonal |
| Biozol Catalog Number | AGR-AS04-055 |
| Supplier Catalog Number | AS04-055 |
| Alternative Catalog Number | AGR-AS04-055 |
| Manufacturer | Agrisera |
| Host | Rabbit |
| Category | Antikörper |
| Application | ELISA, WB |
| Species Reactivity | 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 |
| Product Description | 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 H2O2, organic hydroperoxides, and lipid peroxides in the presence of glutath... |
| Clonality | Polyclonal |
| Molecular Weight | 25 \| 20 kDa |
| NCBI | 829316 |
| UniProt | Q9SZ54 |

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|---|---|
| Purity | Serum |
| Form | Lyophilized |
| Antibody Type | Polyclonal Antibody |
| Application Dilute | 1 : 1, 1 : 2, 1 :4, 1 :8, 1 : 16 (ELISA), 1 : 5000 (WB) |
| Application Notes | 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. |