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## Product Datasheet

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

Article Name	Anti-GPX   Glutathione peroxidase (chloroplastic), 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 H <sub>2</sub> O <sub>2</sub> , organic hydroperoxides, and lipid peroxides in the presence of glutath...
Clonality	Polyclonal
Molecular Weight	25   20 kDa
NCBI	<a href="#">829316</a>
UniProt	<a href="#">Q9SZ54</a>

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.