

Anti-Probable glutathione peroxidase 3, mitochondrial antibody

Catalog: PHY1064S

Product Information

Description:	Rabbit polyclonal antibody
Background:	The plant glutathione peroxidase (GPX) family consists of multiple isoenzymes with distinct subcellular locations which exhibit different tissue-specific expression patterns and environmental stress responses. GPX3 (AT2G43350) is one of the subunit.
Synonyms:	GPX3, ATGPX3, GLUTATHIONE PEROXIDASE 3, GPXL3.
Immunogen:	KLH-conjugated synthetic peptide of GPX3 derived from <i>Arabidopsis thaliana</i> AT2G43350.
Form:	Lyophilized
Quantity:	150 µg
Purification:	Serum Peptide affinity form antibody available upon request at info@phytoab.com .
Reconstitution:	Reconstitution with 150µl of sterile water. "Note: please spin tube briefly prior to opening it to avoid any losses that might occur from lyophilized material adhering to the cap or sides of the tube".
Stability & Storage:	Use a manual defrost freezer and avoid repeated freeze-thaw cycles. 12 months from date of receipt, -20 to -70°C as supplied. 6 months, -20 to -70°C under sterile conditions after reconstitution. 1 month, 2 to 8°C under sterile conditions after reconstitution.
Shipping:	The product is shipped at 4°C. Upon receipt, store it immediately at the temperature recommended above.

Application Information

Recommended Dilution:	Western Blot (1:1000-1:2000) Note: Optimal dilutions/concentrations should be determined by the end user.
Expected/apparent MW:	23 kDa
Confirmed Reactivity:	<i>Arabidopsis thaliana</i>

Research Use Only

Predicted Reactivity:

The sequence of the synthetic peptide used for immunization is 80% homologues with the sequence in GPX2: (AT2G31570).

For more species homologues information, please contact tech support at tech@phytoab.com.