Anti-Probable glutathione peroxidase 2, N-terminal antibody

Catalog: PHY2964S

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. GPX2 (AT2G31570) is one of the subunit.
Synonyms:	GPX2, ATGPX2, GLUTATHIONE PEROXIDASE 2, GPXL2
Immunogen:	KLH-conjugated synthetic peptide (17 aa from N terminal section) derived from *Arabidopsis thaliana* GPX2 (AT2G31570).
Form:	Lyophilized
Quantity:	150 µg
Purification:	Serum
	Peptide affinity form antibody available upon request at info@phytoab.com.
Reconstitution:	Reconstitution with 150 µl 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℃ as supplied.
	6 months, -20 to -70℃ under sterile conditions after reconstitution.
	1 month, 2 to 8℃ under sterile conditions after reconstitution.
Shipping:	The product is shipped at 4℃. 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:	19 kDa
Confirmed Reactivity:	Coming soon

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Predicted Reactivity: Among analyzed species, the sequence of the synthetic peptide used for immunization is 100% homologues with the sequence in *Brassica rapa*, and 80-99% homologues with the sequence in Oryza sativa, *Brassica napus*, *Solanum tuberosum*, *Glycine max*, *Populus trichocarpa*, *Sorghum bicolor*, *Nicotiana tabacum*, *Solanum lycopersicum*, *Vitis vinifera*, *Cucumis sativus*, *Gossypium raimondii*, *Medicago truncatula.*

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