Anti-Peroxiredoxin-2B/2C antibody

Catalog: PHY7386S

Product Information

Description:	Rabbit polyclonal antibody
Background:	TPX1/2 are thioredoxin-dependent peroxidases.
Synonyms:	TPX1/2, THIOREDOXIN-DEPENDENT PEROXIDASE 1/2
Immunogen:	KLH-conjugated synthetic peptide (15 aa from Central section) derived from *Arabidopsis thaliana* TPX1 (AT1G65980) and TPX2 (AT1G65970).
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℃ 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:	17 kDa
Predicted Reactivity:	Among species analyzed, the sequence of the synthetic peptide used for immunization is 100% homologues with the sequence in *Brassica napus*, *Brassica rapa*, and 80-99% homologues with the sequence in *Setaria viridis*, *Panicum virgatum*, *Leymus chinensis*, *Populus trichocarpa*, *Hordeum vulgare*, *Cucumis sativus*, *Sorghum bicolor*, *Solanum lycopersicum*, *Solanum tuberosum*, *Zea mays*, *Triticum*

aestivum, *Gossypium raimondii*, *Nicotiana tabacum*, *Oryza sativa*, *Vitis vinifera*.

The sequence of the synthetic peptide used for immunization is 93% (14 / 15) homologues with the sequence in PRXIID (AT1G60740). For more species homologues information, please contact tech support at tech@phytoab.com.

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