

Anti-TIM complex subunit TIM17/22, mitochondrial antibody

Catalog: PHY0536A

Product Information

Description:	Rabbit polyclonal antibody
Background:	The translocase of the inner membrane (TIM) is a complex of proteins found in the inner mitochondrial membrane of the mitochondria. TIM17/22 (AT3G10110/AT1G18320) is one subunit of the TIM complex.
Synonyms:	TIM17/22
Immunogen:	KLH-conjugated synthetic peptide (15 aa from Central section) derived from <i>Arabidopsis thaliana</i> TIM17/22 (AT3G10110/AT1G18320).
Form:	Lyophilized
Quantity:	150 µg
Purification:	Immunogen affinity purified
Reconstitution:	Reconstitution with 150 µl of 0.01 M sterile PBS. "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:	18 kDa (AT3G10110); 15 kDa (AT1G18320)
Confirmed Reactivity:	Coming soon
Predicted Reactivity:	Among species analyzed, the sequence of the synthetic peptide used for immunization is 100% homologues with the sequence in <i>Brassica rapa</i> , <i>Brassica napus</i> , and 80-99% homologues with the sequence in <i>Brassica</i>

Research Use Only

rapa, Brassica napus, Populus trichocarpa, Solanum tuberosum, Nicotiana tabacum, Cucumis sativus, Gossypium raimondii, Solanum lycopersicum, Vitis vinifera, Physcomitrium patens.

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