

Anti-TIM complex subunit TIM17/22 family protein, mitochondrial antibody

Catalog: PHY1471S

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. OEP16-3 (AT2G42210) may be one subunit of the TIM complex.
Synonyms:	OEP16-3, ATOEP16-3
Immunogen:	KLH-conjugated synthetic peptide (15 aa from N terminal section) derived from <i>Arabidopsis thaliana</i> OEP16-3 (AT2G42210).
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°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:	19 kDa
Confirmed Reactivity:	Coming soon
Predicted Reactivity:	Among species analyzed, the sequence of the synthetic peptide used

Research Use Only

for immunization is 100% homologues with the sequence in *Solanum tuberosum*, *Brassica napus*, *Brassica rapa*, *Glycine max*, *Solanum lycopersicum*, and 80-99% homologues with the sequence in *Cucumis sativus*, *Panicum virgatum*, *Nicotiana tabacum*, *Medicago truncatula*, *Zea mays*, *Oryza sativa*, *Setaria viridis*, *Sorghum bicolor*, *Spinacia oleracea*, *Hordeum vulgare*, *Triticum aestivum*, *Gossypium raimondii*, *Vitis vinifera*, *Populus trichocarpa*.

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