

Anti-Protein TOC75-4, chloroplastic antibody

Catalog: PHY1379S

Product Information

Description:	Rabbit polyclonal antibody
Background:	TOC75-4 is a component of the translocon outer membrane (TOC) complex. It forms the voltage-dependent preprotein translocation channels (hydrophilic beta barrel) of the TOC complex in the chloroplastic outer membrane. It plays a role in preprotein conductance.
Synonyms:	TOC75-4, ATTOC75-IV, TOC75-IV, TRANSLOCON AT THE OUTER ENVELOPE MEMBRANE OF CHLOROPLASTS 75-IV, TRANSLOCON OUTER MEMBRANE COMPLEX 75-IV.
Immunogen:	KLH-conjugated synthetic peptide of TOC75-4 derived from <i>Arabidopsis thaliana</i> AT4G09080.
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:	44 kDa
Confirmed Reactivity:	Coming soon

Research Use Only

Predicted Reactivity:

Among 25 analyzed species, the sequence of the synthetic peptide used for immunization is 80-99% homologous with the sequence in *Brassica napus*.

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