

Anti-ABC transporter I family member 6, chloroplastic antibody

Catalog: PHY2795S

Product Information

Description:	Rabbit polyclonal antibody
Background:	NAP7 is plastidic SufC-like ATP-binding cassette/ATPase essential for <i>Arabidopsis</i> embryogenesis. It is expressed in embryos and meristems. It is involved in the biogenesis and/or repair of oxidatively damaged Fe-S clusters.
Synonyms:	NAP7, ABCI6, ATNAP7, ATP-BINDING CASSETTE I6, NON-INTRINSIC ABC PROTEIN 7
Immunogen:	KLH-conjugated synthetic peptide (18 aa from N terminal section) derived from <i>Arabidopsis thaliana</i> NAP7 (AT3G10670).
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:	37 kDa
Confirmed Reactivity:	Coming soon

Research Use Only

Predicted Reactivity:

Among species analyzed, the sequence of the synthetic peptide used for immunization is 100% homologous with the sequence in *Brassica rapa*, *Brassica napus*, *Cucumis sativus*, and 80-99% homologous with the sequence in *Glycine max*, *Vitis vinifera*, *Medicago truncatula*, *Populus trichocarpa*, *Gossypium raimondii*, *Chlamydomonas reinhardtii*, *Spinacia oleracea*, *Physcomitrium patens*, *Nicotiana tabacum*, *Solanum lycopersicum*, *Zea mays*, *Hordeum vulgare*, *Triticum aestivum*, *Setaria viridis*, *Sorghum bicolor*, *Panicum virgatum*.

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