

Anti-ATP-dependent Clp protease proteolytic subunit-related protein 2, chloroplastic antibody

Catalog: PHY0889S

Product Information

Description:	Rabbit polyclonal antibody
Background:	Though ClpR2 is similar to ClpP proteins, this does not contains the highly conserved catalytic triad of Ser-type proteases (Ser-His-Asp). It is required for chloroplast development and differentiation.
Synonyms:	ClpR2, CLP PROTEASE PROTEOLYTIC SUBUNIT 2, CLP2, EMB3146, EMBRYO DEFECTIVE 3146, NCLPP2, NUCLEAR-ENCODED CLP PROTEASE P2.
Immunogen:	KLH-conjugated synthetic peptide (20 aa from C terminal section) derived from <i>Arabidopsis thaliana</i> ClpR2 (AT1G12410).
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°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:	31 kDa

Research Use Only

Confirmed Reactivity:

Coming soon

Predicted Reactivity:

Among species analyzed, the sequence of the synthetic peptide used for immunization is 80-99% homologues with the sequence in *Brassica rapa*, *Brassica napus*, *Nicotiana tabacum*.

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