

Anti-RARE1 antibody

Catalog: PHY7934S

Product Information

Description:	Rabbit polyclonal antibody
Background:	RARE1 is a pentatricopeptide repeat (PPR) protein. It localizes to chloroplasts and is essential for C-to-U RNA editing of the <i>accD</i> transcript, a process crucial for fatty acid biosynthesis and plant heat tolerance. The protein contains 15 PPR motifs, E/E+ and a DYW domain, with the DYW domain being indispensable for its editing function.
Synonyms:	RARE1, PCMP-H90
Immunogen:	KLH-conjugated synthetic peptide (15 aa from C-terminal section) derived from <i>Arabidopsis thaliana</i> RARE1 (AT5G13270).
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:	84 kDa
Predicted Reactivity:	Among species analyzed, the sequence of the synthetic peptide used

Research Use Only

for immunization is 100% homologues with the sequence in *Brassica napus*, *Brassica rapa*, and 80% homologues with the sequence in *Triticum aestivum*, *Hordeum vulgare*, *Spinacia oleracea*.

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

Application Example

