

Anti-Dynamin-related protein 1E antibody

Catalog: PHY0949S

Product Information

Description:	Rabbit polyclonal antibody
Background:	DRP1E is Arabidopsis dynamin-related protein 1E. DRP1E, also known as EDR3, ADL4 and ADL1E, which is 624 amino acid residues long, has a predicted mass of 69.8 kDa and a pI of 7.5. DRP1E belongs to a plant-specific subclass of dynamin-related proteins (DRP1), consisting of five members in Arabidopsis (A, B, C, D, E).
Synonyms:	DRP1E, ADL1E, ADL4, ADLP2, ARABIDOPSIS DYNAMIN-LIKE 4, DL1E, DYNAMIN-LIKE 1E, DYNAMIN-LIKE PROTEIN 2, DYNAMIN-RELATED PROTEIN 1E, EDR3, ENHANCED DISEASE RESISTANCE 3.
Immunogen:	KLH-conjugated synthetic peptide (10 aa from N terminal section) derived from <i>Arabidopsis thaliana</i> DRP1E (AT3G60190).
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:	70 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*.

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