

Anti-Protein POLLEN DEFECTIVE IN GUIDANCE 1, C-terminal antibody

Catalog: PHY0722S

Product Information

Description:	Rabbit polyclonal antibody
Background:	<p>POD1 is an endoplasmic reticulum (ER) luminal protein involved in ER protein retention. POD1 interacts with the Ca²⁺ binding ER chaperone CALRETICULIN3 (CRT3) (AT1G08450), a protein in charge of folding of membrane receptors.</p>
Synonyms:	POD1, POLLEN DEFECTIVE IN GUIDANCE 1
Immunogen:	KLH-conjugated synthetic peptide (15 aa from C terminal section) derived from <i>Arabidopsis thaliana</i> POD1 (AT1G67960).
Form:	Lyophilized
Quantity:	150 µg
Purification:	Serum
	Peptide affinity form antibody available upon request at info@phytoab.com .
Reconstitution:	<p>Reconstitution with 150 µl of sterile water.</p> <p>"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".</p>
Stability & Storage:	<p>Use a manual defrost freezer and avoid repeated freeze-thaw cycles.</p> <p>12 months from date of receipt, -20 to -70°C as supplied.</p> <p>6 months, -20 to -70°C under sterile conditions after reconstitution.</p> <p>1 month, 2 to 8°C under sterile conditions after reconstitution.</p>
Shipping:	The product is shipped at 4°C. Upon receipt, store it immediately at the temperature recommended above.

Application Information

Recommended Dilution:	<p>Western Blot (1:1000-1:2000)</p> <p>Note: Optimal dilutions/concentrations should be determined by the end user.</p>
Expected / apparent MW:	70 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 napus*, *Brassica rapa*.

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