

# Anti-Phospholipid:diacylglycerol acyltransferase 1, N-terminal antibody

Catalog: PHY1870S

## Product Information

<b>Description:</b>	Rabbit polyclonal antibody
<b>Background:</b>	PDAT1 preferentially transfers acyl groups from the sn-2 position of a phospholipid to diacylglycerol, thus forming an sn-1-lysophospholipid. It is involved in epoxy and hydroxy fatty acid accumulation in seeds. It has complementary functions with DAG1 that are essential for triacylglycerol synthesis and normal development of both seeds and pollen.
<b>Synonyms:</b>	PDAT1, ARABIDOPSIS THALIANA PHOSPHOLIPID: DIACYLGLYCEROL ACYLTRANSFERASE, ATPDAT, PDAT, PHOSPHOLIPID: DIACYLGLYCEROL ACYLTRANSFERASE, PHOSPHOLIPID: DIACYLGLYCEROL ACYLTRANSFERASE 1
<b>Immunogen:</b>	KLH-conjugated synthetic peptide (17 aa from N terminal section) derived from <i>Arabidopsis thaliana</i> PDAT1 (AT5G13640).
<b>Form:</b>	Lyophilized
<b>Quantity:</b>	150 µg
<b>Purification:</b>	Serum Peptide affinity form antibody available upon request at <a href="mailto:info@phytoab.com">info@phytoab.com</a> .
<b>Reconstitution:</b>	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".
<b>Stability &amp;</b>	Use a manual defrost freezer and avoid repeated freeze-thaw cycles.
<b>Storage:</b>	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.
<b>Shipping:</b>	The product is shipped at 4°C. Upon receipt, store it immediately at the temperature recommended above.

## Application Information

<b>Recommended Dilution:</b>	Western Blot (1:1000-1:2000) Note: Optimal dilutions/concentrations should be determined by the
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Research Use Only

end user.

**Expected / apparent MW:** 74 kDa

**Predicted Reactivity:** For more species homologues information, please contact tech support at [tech@phytoab.com](mailto:tech@phytoab.com).