

# Anti-Succinate dehydrogenase subunit SDH5, mitochondrial antibody

Catalog: PHY1114S

## Product Information

<b>Description:</b>	Rabbit polyclonal antibody
<b>Background:</b>	Mitochondrial succinate dehydrogenase complex is also called respiratory Complex II and it is an enzyme complex found in the inner mitochondrial membrane of eukaryotes. Succinate dehydrogenase complex catalyzes the oxidation of succinate to fumarate with the reduction of ubiquinone to ubiquinol. In <i>Arabidopsis</i> mitochondria, succinate dehydrogenase complex contains 8 subunits from SDH1-SDH8. SDH5 is encoded by AT1G47420.
<b>Synonyms:</b>	SDH5, SUCCINATE DEHYDROGENASE 5
<b>Immunogen:</b>	KLH-conjugated synthetic peptide (17 aa from C terminal section) derived from <i>Arabidopsis thaliana</i> SDH5 (AT1G47420).
<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; Storage:</b>	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.
<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 end user.
<b>Expected / apparent MW:</b>	28 kDa

Research Use Only

**Predicted Reactivity:**

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