

# Anti-Ubiquinol-cytochrome c oxidoreductase subunit UCR1, mitochondrial, C-terminal antibody

Catalog: PHY1117S

## Product Information

<b>Description:</b>	Rabbit polyclonal antibody
<b>Background:</b>	Mitochondrial ubiquinol-cytochrome c oxidoreductase is also called complex III and it accepts electron from quinol and transferred to cytochrome c. In <i>Arabidopsis</i> mitochondria, ubiquinol-cytochrome c oxidoreductase contains 10 subunits. UCR1 (AT5G13430/AT5G13440) is one of the subunit of Complex III.
<b>Synonyms:</b>	UCR1
<b>Immunogen:</b>	KLH-conjugated synthetic peptide (15 aa from C terminal section) derived from <i>Arabidopsis thaliana</i> UCR1-1 (AT5G13430), UCR1-2 (AT5G13440).
<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 150µl 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>	30 kDa
<b>Confirmed Reactivity:</b>	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 rapa*, *Brassica napus*, *Oryza sativa*, *Glycine max*, *Physcomitrium patens*, *Panicum virgatum*, *Populus trichocarpa*, *Medicago truncatula*, *Zea mays*, *Setaria viridis*, *Hordeum vulgare*, *Triticum aestivum*, *Sorghum bicolor*, *Nicotiana tabacum*, *Spinacia oleracea*, *Glycine max*, *Solanum lycopersicum*, *Solanum tuberosum*, *Physcomitrium patens*.

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