Anti-Isocitrate dehydrogenase [NAD] regulatory subunit 2 antibody

Catalog: PHY0040S

Product Information

Description:	Rabbit polyclonal antibody
Background:	Isocitrate dehydrogenases(IDH) catalyze the oxidative decarboxylation ofisocitrate to 2-oxoglutarate. These enzymes belong to two distinct subclasses, one of which utilizes NAD+ as the electron acceptor and the other NADP+. Five isocitrate dehydrogenases have been reported: three NAD+-dependent isocitrate dehydrogenases, which localize to the mitochondrial matrix, and two NADP+-dependent isocitrate dehydrogenases, one of which is mitochondrial and the other predominantly cytosolic. Each NADP+-dependent isozyme is a homodimer.
Synonyms:	IDH2, IDH-II, ISOCITRATE DEHYDROGENASE II, ISOCITRATE DEHYDROGENASE SUBUNIT 2
Immunogen:	KLH-conjugated synthetic peptide of IDH2 derived from *Arabidopsis thaliana* AT2G17130.
Form:	Lyophilized
Quantity:	150 µg
Purification:	Serum Peptide affinity form antibody available upon request at info@phytoab.com.
Reconstitution:	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".
Stability & Storage:	Use a manual defrost freezer and avoid repeated freeze-thaw cycles. 12 months from date of receipt, -20 to -70℃ as supplied. 6 months, -20 to -70℃ under sterile conditions after reconstitution. 1 month, 2 to 8℃ under sterile conditions after reconstitution.
Shipping:	The product is shipped at 4℃. 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: 39.5 kDa

Confirmed Reactivity: Coming soon

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