



Rabbit Anti-Arabidopsis thaliana Complex I AT2G31490 Polyclonal Antibody (CABT-Z777R)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Immunogen	KLH-conjugated synthetic peptide of NADH dehydrogenase subunit AT2G31490, mitochondrial derived from Arabidopsis thaliana AT2G31490.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Arabidopsis thaliana
Purification	Unpurified
Conjugate	Unconjugated
Applications	WB Recommended dilution: WB: 1:1000-1:2000
Molecular Weight	Expected M.W.: 8 kDa; Apparent M.W.: 9 kDa
Reconstitution	Reconstitution with 150 µl of sterile water.
Cellular Localization	Mitochondria
Format	Lyophilized
Size	150 µg
Preservative	None
Storage	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.

Ship	Wet ice
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BACKGROUND

Introduction	Complex I is the largest protein complex of the oxidative phosphorylation system in mitochondrial and it catalyzes NADH-quinone oxidoreduction. Complex I represents the main entrance site for electrons into the respiratory electron transfer chain. In Arabidopsis, Complex I have at least 49 subunits and AT2G31490 may be one of the subunit.
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Keywords	AT2G31490;NADH-DH subunit;Complex I
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GENE INFORMATION

Gene Name	At2g31490
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Entrez Gene ID	817707
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UniProt ID	Q9SIQ8
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