



# Rabbit Anti-Arabidopsis thaliana Complex I subunit 24 kD Polyclonal Antibody (CABT-Z562R)

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

## PRODUCT INFORMATION

<b>Immunogen</b>	KLH-conjugated synthetic peptide of NADH dehydrogenase subunit 24kD, mitochondrial derived from Arabidopsis thaliana AT4G02580.
<b>Isotype</b>	IgG
<b>Source/Host</b>	Rabbit
<b>Species Reactivity</b>	Arabidopsis thaliana
<b>Purification</b>	Unpurified
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB Recommended dilution: WB: 1:1000-1:2000
<b>Molecular Weight</b>	Expected M.W.: 28 kDa; Apparent M.W.: 26 kDa
<b>Reconstitution</b>	Reconstitution with 150 µl of sterile water.
<b>Cellular Localization</b>	Mitochondria
<b>Format</b>	Lyophilized
<b>Size</b>	150 µg
<b>Preservative</b>	None

<b>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.
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<b>Ship</b>	Wet ice
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## BACKGROUND

<b>Introduction</b>	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 24 kD (AT4G02580) is one of the subunit.
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<b>Keywords</b>	24 kD;24 kDa subunit
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## GENE INFORMATION

<b>Gene Name</b>	At4g02580
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<b>Entrez Gene ID</b>	<a href="#">828130</a>
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<b>UniProt ID</b>	<a href="#">O22769</a>
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