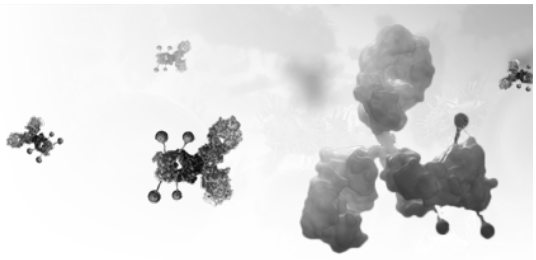

Rabbit Anti-Arabidopsis thaliana Complex I subunit 39 kD Polyclonal Antibody (CABT-Z563R)

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 39kD, mitochondrial derived from Arabidopsis thaliana AT2G20360.
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.: 44 kDa; Apparent M.W.: 39 kDa
Reconstitution	Reconstitution with 150 µl of sterile water.
Cellular Localization	Mitochondria
Format	Lyophilized
Size	150 µg
Preservative	None

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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.
Ship	Wet ice

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 39 kD (AT2G20360) is one of the subunit.
Keywords	39 kD;39 kDa subunit

GENE INFORMATION

Gene Name	At2g20360
Entrez Gene ID	816555
UniProt ID	Q9SK66

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