



Rabbit Anti-Arabidopsis thaliana ASH1 Polyclonal Antibody (CABT-Z771R)

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

PRODUCT INFORMATION

Immunogen	KLH-conjugated synthetic peptide derived from N-terminal section of ASH1 protein in Arabidopsis thaliana AT5G47570.
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.: 13 kDa; Apparent M.W.: 10 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 ASH1 (AT5G47570) is one of the subunit.
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Keywords	ASH1;NADH dehydrogenase [ubiquinone] 1 beta subcomplex subunit 8, mitochondrial;At5g47570
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GENE INFORMATION

Gene Name	At5g47570
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Entrez Gene ID	834807
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UniProt ID	Q9FGK0
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