



Rabbit Anti-Arabidopsis thaliana Complex V-24kD Polyclonal Antibody (CABT-Z803R)

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

PRODUCT INFORMATION

Immunogen	KLH-conjugated synthetic peptide of ATP-FAD derived from Arabidopsis thaliana AT2G21870.
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.: 28 kDa; Apparent M.W.: 26 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.

BACKGROUND

Introduction

Mitochondrial F0F1-ATP synthase is also called Complex V and it synthesis ATP from ADP and Pi using the proton motive force created by respiratory electron transport. ATP-FAD (AT2G21870) is a subunit of mitochondrial F0F1-ATP synthase in Arabidopsis.

Keywords

Probable ATP synthase 24 kDa subunit, mitochondrial;Complex V-24kD;At2g21870

GENE INFORMATION

Gene Name

At2g21870

Entrez Gene ID

[816723](#)

UniProt ID

[Q9SJ12](#)
