



Rabbit Anti-Arabidopsis thaliana AOX1A Polyclonal Antibody (CABT-Z722R)

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

PRODUCT INFORMATION

Immunogen	KLH-conjugated synthetic peptide derived from C-terminal of AOX1A protein in Arabidopsis thaliana AT3G22370, AT3G22360.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Arabidopsis thaliana
Purification	Antigen affinity purified
Conjugate	Unconjugated
Applications	WB Recommended dilution: WB: 1:1000-1:2000
Molecular Weight	Expected M.W.: 40kDa(AT3G22370), 37 kDa; Apparent M.W.: 33 kDa(AT3G22360)
Reconstitution	Reconstitution with 150 µl of sterile water.
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

Alternative oxidases (AOX) are quinol oxidases located in the inner mitochondrial membrane of plants. They function as terminal oxidases in the alternate electron transport pathway, oxidizing ubiquinone to reduce oxygen to water. AOX isoenzymes are including AOX1A(AT3G22370), AOX1B(AT3G22360), AOX1C(AT3G27620) and AOX1D(AT1G32350) from Arabidopsis.

Keywords

AOX1;Ubiquinol oxidase 1a, mitochondrial;AOX1A;HSR3

GENE INFORMATION

Gene Name

AOX1A

Entrez Gene ID

[821806](#)

UniProt ID

[Q39219](#)
