



Rabbit Anti-Arabidopsis thaliana AAO2 Polyclonal Antibody (CABT-Z567R)

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

PRODUCT INFORMATION

Immunogen	KLH-conjugated synthetic peptide of AAO2 protein derived from Arabidopsis thaliana AT3G43600.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Arabidopsis thaliana
Purification	Unpurified
Conjugate	Unconjugated
Applications	WB Recommended dilution: WB: 1:1000-1:2000
Molecular Weight	145 kDa
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

AAO2 is an aldehyde oxidase isoform, one of four Arabidopsis aldehyde oxidase genes (AAO1 (AT5G20960), AAO2(AT3G43600), AAO3(AT2G27150), and AAO4(AT1G04580)), is the most likely candidate for the enzyme, because it can efficiently catalyze the oxidation of abscisic aldehyde to ABA.

Keywords

AAO2;ALDEHYDE OXIDASE 2;ALDEHYDE OXIDASE 3;ALDEHYDE OXIDASE GAMMA;AO3;AOGAMMA;ARABIDOPSIS THALIANA ALDEHYDE OXIDASE 2;ARABIDOPSIS THALIANA ALDEHYDE OXIDASE 3;ATAO-2;ATAO3

GENE INFORMATION

Gene Name

AAO2

Entrez Gene ID

[823457](#)

UniProt ID

[Q7G192](#)
