



Rabbit Anti-Arabidopsis thaliana FeSOD Polyclonal Antibody (CABT-Z1031R)

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

PRODUCT INFORMATION

Immunogen	Recombinant protein of FeSOD derived from Arabidopsis thaliana AT4G25100.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Arabidopsis thaliana
Purification	Unpurified
Conjugate	Unconjugated
Applications	WB Recommended dilution: WB: 1:1000-1:2000
Molecular Weight	24 kDa
Reconstitution	Reconstitution with 150 µl of sterile water.
Cellular Localization	Chloroplast
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

Superoxide dismutases (SODs) are ubiquitous metalloenzymes that catalyze the dismutation of superoxide radicals. Chloroplasts have two isozymes, copper/zinc SOD (Cu/ZnSOD) and iron SOD (FeSOD), encoded by nuclear genes. FeSOD gene was expressed under Cu-deficient conditions and repressed under high-Cu-supply conditions.

Keywords

FeSOD;FSD1;Superoxide dismutase [Fe] 1, chloroplastic;Protein FE SUPEROXIDE DISMUTASE 1

GENE INFORMATION

Gene Name

FSD1

Entrez Gene ID

[828613](#)

UniProt ID

[P21276](#)
