



Rabbit Anti-Arabidopsis thaliana FNR2 Polyclonal Antibody (CABT-Z1040R)

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

PRODUCT INFORMATION

Immunogen	KLH-conjugated synthetic peptide of FNR2 derived from Arabidopsis thaliana AT1G20020.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Arabidopsis thaliana
Purification	Protein A purified
Conjugate	Unconjugated
Applications	WB Recommended dilution: WB: 1:1000-1:2000
Molecular Weight	Expected M.W.: 41 kDa; Apparent M.W.: 35 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

Two distinct ferredoxin-NADP(+)-oxidoreductase (FNR) isoforms were found in chloroplasts of *Arabidopsis thaliana*, FNR-1 (AT5G66190) and FNR-2 (AT1G20020). The FNR proteins are present in both chloroplast stroma and thylakoid membranes in chloroplasts but are more abundant in the stroma.

Keywords

FNR2;LFNR2;AtLFNR2;FNR-2;Leaf FNR 2

GENE INFORMATION

Gene Name

LFNR2

Entrez Gene ID

[838591](#)

UniProt ID

[Q8W493](#)
