



Rabbit anti-Arabidopsis thaliana FRO2 (C-term) Polyclonal Antibody (CABT-Z078R)

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

PRODUCT INFORMATION

Immunogen	Antibodies were produced by immunizing animals with a GST-fusion protein containing the C-terminal region of arabidopsis thaliana FRO2.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Arabidopsis thaliana
Purification	Antigen affinity purification
Conjugate	Unconjugated
Applications	WB Recommended dilution: WB: 1:500-1:2,000 (detect endogenous protein*)
Molecular Weight	82 kDa
Preparation	Rabbit polyclonal antibodies were produced by immunizing animals with a GST-fusion protein containing the C-terminal region of arabidopsis thaliana FRO2 (AT1G01580).
Format	Liquid
Concentration	Lot specific
Size	100 µl
Buffer	Supplied in 1 x PBS (pH 7.4), 100 ug/ml BSA, 40% Glycerol, 0.01% NaN ₃ .
Preservative	0.01% NaN ₃

Storage	Store at -20°C. Stable for 6 months from date of receipt.
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Ship	Wet ice
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BACKGROUND

Introduction	Ferric reduction oxidase 2 (FRO2) is a Flavocytochrome that transfers electrons across the plasma membrane to reduce ferric iron chelates to form soluble ferrous iron in the rhizosphere. FRO2 may be involved in the delivery of iron to developing pollen grains. FRO2 acts also as a copper-chelate reductase, and is involved in glycine betaine-mediated chilling tolerance and reactive oxygen species accumulation.
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Keywords	Ferric reduction oxidase 2;AtFRO2;Ferric-chelate reductase 2;Protein FERRIC CHELATE REDUCTASE DEFECTIVE 1;FRD1
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GENE INFORMATION

Gene Name	FRO2
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Entrez Gene ID	839411
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UniProt ID	P92949
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