

Ferredoxin 3 antibody

Cat. No. GTX00912

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Applications	WB, ELISA
Reactivity	Arabidopsis thaliana, Zea mays

Package
100 µg

Applications

Application Note

*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	1:2000-1:10000
ELISA	Assay dependent

Not tested in other applications.

Product Note

This antibody recognizes Plant Fd3 proteins including those of Maize and Arabidopsis. It showed weak cross-react with other Ferredoxin isoproteins, like Arabidopsis and Maize Fd2, and Maize Fd6.

Properties

Form	Liquid
Buffer	Filter-sterilized PBS, 50% Glycerol
Preservative	No preservatives
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Concentration	1 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Purified recombinant maize Fd3 protein (full-size, no-tag attached)
Purification	Protein A purified
Conjugation	Unconjugated

Note

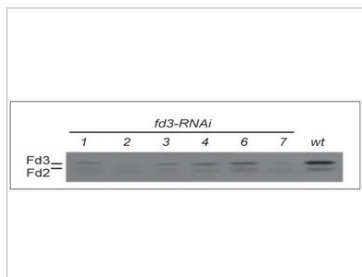
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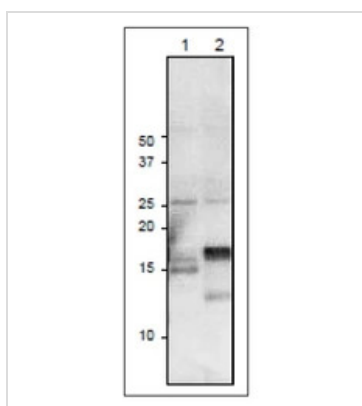
DATA IMAGES



GTX00912 WB Image

WB analysis of different levels of reduction in Fd3 expression in T1 plants using GTX00912 Ferredoxin 3 antibody. Wt is without RNAi expression. Samples were extracts from ground tissue. This antibody reacts also with Fd2 weakly.

Dilution : 1:5000



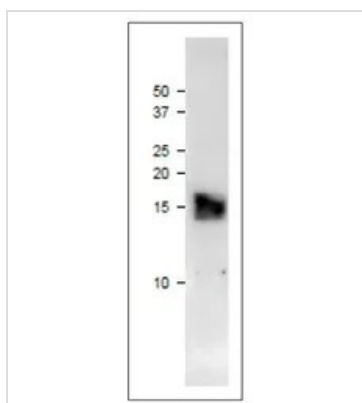
GTX00912 WB Image

WB analysis of various samples using GTX00912 Ferredoxin 3 antibody.

Lane 1 : Arabidopsis leaf extract (10 µg)

Lane 2 : Maize leaf extract (10 µg)

Dilution : 1:1000



GTX00912 WB Image

WB analysis of purified maize Ferredoxin-3 using GTX00912 Ferredoxin 3 antibody.

Dilution : 1:2000



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