

Product datasheet

Anti-Ferredoxin--NADP reductase, apicoplast antibody ab243175

[2 Images](#)

Overview

Product name	Anti-Ferredoxin--NADP reductase, apicoplast antibody
Description	Rabbit polyclonal to Ferredoxin--NADP reductase, apicoplast
Host species	Rabbit
Specificity	Ferredoxin--NADP reductase, leaf isozyme 1, chloroplastic protein of Plasmodium falciparum. Also cross-reacts with plant Ferredoxin--NADP reductase, leaf isozyme 1, chloroplastic isoproteins .
Tested applications	Suitable for: WB
Species reactivity	Reacts with: Plasmodium falciparum, Corn, Arabidopsis
Immunogen	Recombinant full length protein corresponding to Ferredoxin--NADP reductase, apicoplast aa 1-371. Purified recombinant P. falciparum Ferredoxin-NADP reductase (full-size, no-tag attached) expressed in E. coli. Database link: C6KT68
Positive control	WB: Ferredoxin--NADP reductase, leaf isozyme 1, chloroplastic protein; Arabidopsis leaf extract; Maize leaf extract.
General notes	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
Storage buffer	pH: 6 Constituents: PBS, 50% Glycerol (glycerin, glycerine)

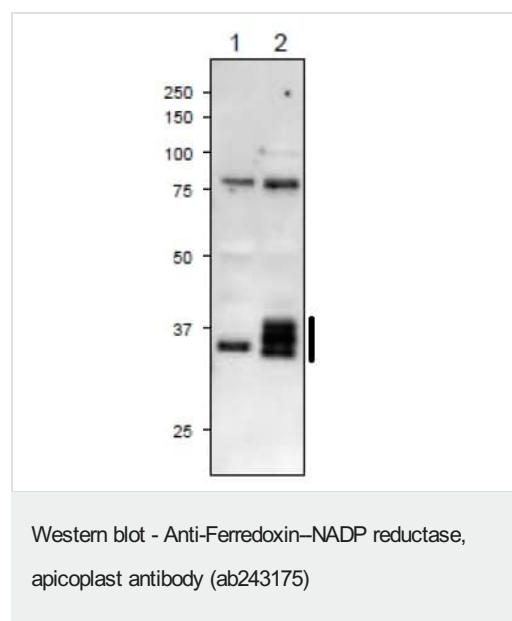
Purity	Filter sterilized. Azide and carrier free.
Clonality	Protein A purified
Isotype	Polyclonal
	IgG

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab243175 in the following tested applications.
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		1/500 - 1/2000. Predicted molecular weight: 44 kDa.

Images



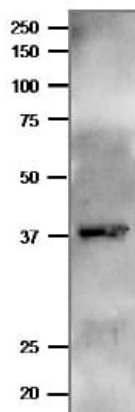
All lanes : Anti-Ferredoxin-NADP reductase, apicoplast antibody (ab243175) at 1/1000 dilution

Lane 1 : Extract of Arabidopsis leaf

Lane 2 : Extract of Maize leaf

Lysates/proteins at 10 µg per lane.

Predicted band size: 44 kDa



Western blot - Anti-Ferredoxin--NADP reductase, apicoplast antibody (ab243175)

Anti-Ferredoxin--NADP reductase, apicoplast antibody (ab243175) at 1/1000 dilution + Recombinant P.Falciparum Ferradoxin--NADP reductase protein.

Predicted band size: 44 kDa

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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