

Datasheet for ABIN165368
anti-LOC100281477 antibody[Go to Product page](#)

1 Image

Overview

Quantity:	100 µL
Target:	LOC100281477
Reactivity:	Spinach
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This LOC100281477 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	recombinant lumenal polyphenol oxidase.
Isotype:	IgG
Specificity:	Spinach , other plant species were not tested. Specifically reacts with a 64 kDa polyphenol oxidase from chloroplast thylakoid lumen.

Target Details

Target:	LOC100281477
Alternative Name:	polyphenol oxidase (LOC100281477 Products)
Background:	Polyphenol oxidase participates in the response of plants to wounding and herbivore attack, mediated by the octadecanoid wound-signalling pathway. Chloroplast polyphenol oxidase is a 64 kDa nuclear-encoded protein that is targeted to the thylakoid lumen. It was found that polyphenol oxidase is one of the most strongly phosphorylated protein in thylakoid lumen

Target Details

although the role of this protein modification is not known (Sokolenko et al., 1995, FEBS Lett. 371, 176 – 180, Koussevitzky et al., 2004, Planta 219, 412 - 419).

Application Details

Application Notes:	Western blot (1: 1.000 for ECL)
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	contains 0.01% NaN3
Storage:	4 °C

Images



Western Blotting

Image 1. Western blot analysis of spinach chloroplast proteins with anti-polyphenol oxidase