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Datasheet for ABIN619504 **anti-SppA1 antibody**

Overview

Quantity:	50 µL
Target:	SppA1
Reactivity:	Spinach, Vicia faba, Chlamydomonas reinhardtii, Green bean, Arabidopsis thaliana
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SppA1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Recombinant SppA1 protease from Arabidopsis thaliana, NP_565077.2 (Q9C9C0 , At1g73990)
Cross-Reactivity (Details):	Not reactive in: Synechocystis sp. PCC 6803
Predicted Reactivity:	cyanobacteria
Characteristics:	Expected / apparent Molecular Weight of the Antigene: 66 kDa
Purification:	serum

Target Details

Target:	SppA1
Alternative Name:	SppA1
Background:	SppA1 is a serine-type protease found in thylakoid membranes of photosynthetic organisms. This family is represented in higher plants by one component, in most cyanobacteria - by two

Target Details

	proteins (SppA1 and SppA2). SppA1 is a light activated protease and may be involved in the acclimation of photosynthetic membranes to high light.
Molecular Weight:	66 kDa
NCBI Accession:	NP_565077
UniProt:	Q9C9C0

Application Details

Application Notes:	1: 2000 with standard ECL (WB)
Restrictions:	For Research Use only

Handling

Format:	Liquid
Storage Comment:	Short term 4°C. Long term -20°. Repeated freezing and thawing is not recommended. Solution contains 0.01% sodium azide.