

Datasheet for ABIN2559391

anti-Sucrose Phosphate Synthase antibody



[Go to Product page](#)

1 Image

Overview

Quantity:	50 µL
Target:	Sucrose Phosphate Synthase (SPS)
Reactivity:	Tomato, Zea mays
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Sucrose Phosphate Synthase antibody is un-conjugated
Application:	Immunolocalization (IL), Western Blotting (WB)

Product Details

Immunogen:	Synthetic peptide derived from Zea mays SPS protein sequence (P31927).
Isotype:	IgG
Cross-Reactivity (Details):	Not reactive in: Hordeum vulgare
Predicted Reactivity:	monocots: Saccharum officinarum, Triticum aestivum and Oryza sativa
Characteristics:	Expected / apparent Molecular Weight of the Antigen: 120 / ~130 for Zea mays
Purification:	affinity purified

Target Details

Target:	Sucrose Phosphate Synthase (SPS)
Abstract:	SPS Products
Background:	SPS (sucrose phosphate synthase, EC 2.4.1.14) is the key enzyme of carbon flux into sucrose

Target Details

	fixation in plants. It catalyzes the synthesis of sucrose-phosphate from UDP-glucose and fructose-6-phosphate predominantly in the cytosol of sucrose-source leaf tissue.
Molecular Weight:	expected: 120 kDa, apparent: ~130 for Zea mays
UniProt:	P31927

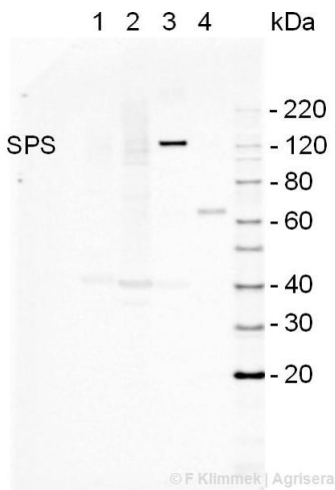
Application Details

Application Notes:	1 : 2 000 with ECL (WB), 1: 1500 (IL)
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	For reconstitution add 50 µL of sterile water
Buffer:	PBS pH 7.4
Handling Advice:	Please, remember to spin tubes briefly prior to opening them to avoid any losses that might occur from lyophilized material adhering to the cap or sides of the tubes. Once reconstituted make aliquots to avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	store lyophilized/reconstituted at -20 °C, once reconstituted make aliquots to avoid repeated freeze-thaw cycles. Please, remember to spin tubes briefly prior to opening them to avoid any losses that might occur from lyophilized material adhering to the cap or sides of the tubes.

Images



Western Blotting

Image 1.