



# Rabbit anti-Arabidopsis thaliana SNC1 (N-term) Polyclonal Antibody (CABT-Z140R)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Immunogen</b>	Antibodies were produced by immunizing animals with a GST-fusion protein containing N-terminal region of arabidopsis thaliana SNC1.
<b>Isotype</b>	IgG
<b>Source/Host</b>	Rabbit
<b>Species Reactivity</b>	Arabidopsis thaliana
<b>Purification</b>	Antigen affinity purification
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB Recommended dilution: WB: 1:500-1:2,000 (detect endogenous protein*)
<b>Molecular Weight</b>	148 kDa
<b>Preparation</b>	Rabbit polyclonal antibodies were produced by immunizing animals with a GST-fusion protein containing N-terminal region of arabidopsis thaliana SNC1 (At4g16890).
<b>Format</b>	Liquid
<b>Concentration</b>	Lot specific
<b>Size</b>	100 µl
<b>Buffer</b>	Supplied in 1 x PBS (pH 7.4), 100 ug/ml BSA, 40% Glycerol, 0.01% NaN <sub>3</sub> .
<b>Preservative</b>	0.01% NaN <sub>3</sub>

<b>Storage</b>	Store at -20°C. Stable for 6 months from date of receipt.
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<b>Ship</b>	Wet ice
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## BACKGROUND

<b>Introduction</b>	SNC1 (Protein SUPPRESSOR OF npr1-1, CONSTITUTIVE 1) is a disease resistance protein of the TIR-NB-LRR-type. Resistance proteins guard the plant against pathogens that contain an appropriate avirulence protein via an indirect interaction with this avirulence protein, which triggers a defense system including the hypersensitive response that restricts the pathogen growth. The expression of SNC1 is regulated by RNA silencing and by MOS1 at chromatin level. SNC1 is negatively regulated at the transcript level by BON1. Nuclear localization of SNC1 is essential for its activity. ABA deficiency can rescue high-temperature inhibition of SNC1-mediated defense responses.
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<b>Keywords</b>	Protein SUPPRESSOR OF npr1-1;CONSTITUTIVE 1;AtSNC1;Disease resistance RPP5-like protein;BAL;At4g16890
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## GENE INFORMATION

<b>Gene Name</b>	SNC1
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<b>Entrez Gene ID</b>	<a href="#">827397</a>
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<b>UniProt ID</b>	<a href="#">O23530</a>
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