

Datasheet for ABIN4966262 **anti-NPR1 antibody**

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Overview

Quantity:	50 µg
Target:	NPR1
Reactivity:	Arabidopsis thaliana
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB)

Product Details

Immunogen:	KLH-conjugated peptide, chosen from NPR1 sequence of Arabidopsis thaliana, TAIR: AT1G64280, UniProt: P93002
Cross-Reactivity (Details):	Not reactive in: Nicotiana benthamiana, Nicotiana tabacum, Solanum lycopersicum, Solanum tuberosum
Predicted Reactivity:	Arabidopsis thaliana

Target Details

Target:	NPR1
Alternative Name:	Nonexpresser of PR genes 1 (NPR1) (NPR1 Products)
Background:	NPR1 (regulatory protein NPR1) is a key positive regulator of the SA-dependent signaling pathway that negatively regulates JA-dependent signaling pathway. Controls the onset of systemic acquired resistance (SAR). Subcellular localization: cytoplasm, nucleus (following induction by salicylic acid treatment or after pathogen infection. Alternative names: BTB/POZ

Target Details

	domain-containing protein NPR1, Non-inducible immunity protein 1, Nim1, Salicylic acid insensitive 1, Sai1, ATNPR1.
Molecular Weight:	66 66 kDa
UniProt:	P93002

Application Details

Application Notes:	1: 1000 (WB)
Comment:	Please note that depending upon detection system you are using, longer exposure time may be required with this antibody.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	For reconstitution add 50 µL of sterile water.
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.