

Anti-Nonexpresser of PR genes 1 antibody

Catalog: PHY3787A

Product Information

Description:	Rabbit polyclonal antibody
Background:	NPR1 is a key regulator of the salicylic acid (SA)-mediated systemic acquired resistance (SAR) pathway. It is similar to the transcription factor inhibitor I kappa B, and contains ankyrin repeats. It confers resistance to the pathogens <i>Pseudomonas syringae</i> and <i>Peronospora parasitica</i> in a dosage-dependent fashion.
Synonyms:	NPR1, ARABIDOPSIS NONEXPRESSER OF PR GENES 1, ATNPR1, NIM1, NON-INDUCIBLE IMMUNITY 1, NONEXPRESSER OF PR GENES 1, SAI1, SALICYLIC ACID INSENSITIVE 1
Immunogen:	KLH-conjugated synthetic peptide (15 aa from C terminal section) derived from <i>Arabidopsis thaliana</i> NPR1 (AT1G64280).
Form:	Lyophilized
Quantity:	150 µg
Purification:	Immunogen affinity purified
Reconstitution:	Reconstitution with 150 µl of 0.01 M sterile PBS. "Note: please spin tube briefly prior to opening it to avoid any losses that might occur from lyophilized material adhering to the cap or sides of the tube".
Stability & Storage:	Use a manual defrost freezer and avoid repeated freeze-thaw cycles. 12 months from date of receipt, -20 to -70°C as supplied. 6 months, -20 to -70°C under sterile conditions after reconstitution. 1 month, 2 to 8°C under sterile conditions after reconstitution.
Shipping:	The product is shipped at 4°C. Upon receipt, store it immediately at the temperature recommended above.

Application Information

Recommended Dilution:	Western Blot (1:1000-1:2000) Note: Optimal dilutions/concentrations should be determined by the end user.
Expected / apparent MW:	66 kDa
Predicted Reactivity:	For more species homologues information, please contact tech

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