

RPS4 | Disease resistance protein

RPS4

Cat PA01500

Size 50 µg

Host

Rabbit

Clonality

Polyclonal

Confirmed reactivity

Arabidopsis thaliana (recombinant RPS4)

Immunogen

KLH-conjugated synthetic peptide derived from Arabidopsis thaliana RPS4 sequence, UniProt: Q9XGM3, TAIR: At5g45250. Chosen peptide is not found in RPS4B isoform.

Host

Rabbit

Clonality

Polyclonal

Purity

Immunogen affinity purified serum in PBS pH 7.4.

Format

Lyophilized

Reconstitution

For reconstitution add 50 µl of sterile water

Storage

Store lyophilized/reconstituted at -20°C; once reconstituted make aliquots to avoid repeated freeze-thaw cycles. Please remember to spin the tubes briefly prior to opening them to avoid any losses that might occur from material adhering to the cap or sides of the tube.

Application

Western blot (WB)

Recommended dilution

1 : 2000 - 1: 4000 (WB)

Expected | apparent MW

137,7 kDa

Confirmed reactivity

Arabidopsis thaliana (recombinant RPS4)

Predicted reactivity

Arabidopsis thaliana

Not reactive in

Nicotiana benthamiana

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

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Additional information

Antibody is recognizing recombinant RPS4

Description

Disease resistance protein RPS4 (RPS4) recognizes AvrRps4 type III effecting virulence protein from *Pseudomonas syringae* and confers specific resistance.

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