

RPS2 polyclonal antibody

Catalog: BS5908

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

Bacterial pathogens deliver type III effector proteins into the plant cell during infection. Plants express disease resistance (R) proteins that respond specifically to a particular type III effector by activating immune responses. Resistance proteins guard the plant against pathogens that contain an appropriate avirulence protein via an indirect interaction. RPS2 (resistance to *Pseudomonas syringae* protein 2) is a 909 amino acid plasma membrane protein with leucine-rich repeat, leucine zipper and P loop domains that confers resistance to *Pseudomonas syringae* infection by interacting with the avirulence gene AvrRpt2. Belonging to the disease resistance NB-LRR family, RPS2 directly associates with RIN4, which triggers plant resistance when RIN4 is degraded by AvrRpt2.

Product:

1 mg/ml in Phosphate buffered saline (PBS) with 0.05% sodium azide, approx. pH 7.2.

Molecular Weight:

~ 31 kDa

Swiss-Prot:

P15880

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB: 1:500~1:1000

ICC: 1:50~1:200

IP: 1:50~1:200

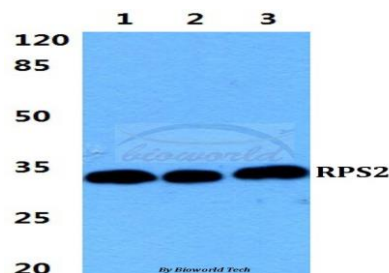
Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Specificity:

RPS2 polyclonal antibody detects endogenous levels of RPS2 protein.

DATA:



Western blot (WB) analysis of RPS2 polyclonal antibody at 1:500 dilution

Lane1: HEK293T cell lysate

Lane2: sp2/0 cell lysate

Lane3: H9C2 cell lysate

Note:

For research use only, not for use in diagnostic procedure.

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