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:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

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

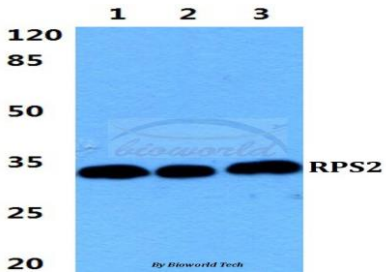
Storage&Stability:

Store at 4℃ short term. Aliquot and store at -20℃ 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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