

PDF1 | Plant defensin 1.1

Cat PA01554

Size 50 µg

Host

Rabbit

Clonality

Polyclonal

Confirmed reactivity

Arabidopsis thaliana, Solanum lycopersicum

Immunogen

KLH-conjugated synthetic peptide derived from Arabidopsis thaliana PDF1.1 UniProt: P30224-1, TAIR: At1g75830 The peptide sequence, it is perfectly conserved in following Arabidopsis thaliana isoforms: PDF1.2c, PDF1.2b, PDF1.2A, PDF1.3. PDF2 isoform sequence did not come in the blast.

Host

Rabbit

Clonality

Polyclonal

Purity

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 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.

Application

Western blot (WB)

Recommended dilution

1 : 1000 (WB)

Expected | apparent MW

8.7 kDa

Confirmed reactivity

Arabidopsis thaliana, Solanum lycopersicum

Predicted reactivity

Arabidopsis thaliana, Brassica rapa, Camelina sativa, Eutrema salsugineum, Capsella rubella, Sorghum sp.

Not reactive in

Nicotiana benthamiana, Solanum tuberosum

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

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Description

PDF1(Plant defensin 1) has broad-spectrum resistance and antifungal activity against pathogenic bacteria.
Aliases: anther specific protein S18 homolog, cysteine-rich antifungal protein 1,AFP1, low molecular weight cysteine-rich protein 67, protein LCR67.

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