

CAB20582

Product Information

Product SKU:	CAB20582	Gene ID:	4327315	Size:	20uL, 100uL
Clone No:	-	Host Species:	Rabbit	Reactivity:	Oryza sativa

Additional Information

Observed MW:	72kDa	Conjugate:	Unconjugated
Calculated MW:	64kDa	Isotype:	IgG

Immunogen Information

Background: Key positive factor of disease resistance. Plays an essential role in benzothiadiazole (BTH)-induced resistance to the blast fungus disease caused by Magnaporthe oryzae. Involved in defense response against the bacterial blight disease caused by Xanthomonas oryzae pv. oryzae (Xoo). Over-expression of NPR1/NH1 confers disease resistance to Xoo, but also enhances herbivore susceptibility. Functions as a transcriptional coactivator of TGA2.1 and LG2 in vitro. Involved in defense response against herbivore. Plants silencing NPR1/NH1 have increased herbivore-induced trypsin proteinase inhibitors and volatiles, which reduces the performance of the striped stem borer (SSB) Chilo suppressalis

Recommended Dilution: WB, 1:500 - 1:2000

Synonyms: NH1; PR2; NPR1; NPR2; OsNH1; OsNPR1

Purification Method: Affinity purification

Immunogen: Recombinant protein of Oryza sativa OsNPR1.

Storage: Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.01% thimerosal, 50% glycerol, pH 7.3.