

OsEIL1 Rabbit pAb

货号: AYP21692

产品信息

反应	Oryza sativa
宿主	Rabbit
克隆性	Polyclonal
预测反应	
应用	WB
推荐浓度	WB: 1:500 - 1:2000
理论分子量	71kDa
实测分子量	90KDa
形式	Liquid
保存条件	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.01% thiomersal, 50% glycerol, pH7.3.
偶联物	Unconjugated
阳性对照	Leaves
细胞定位	nucleus
纯化	Affinity purification

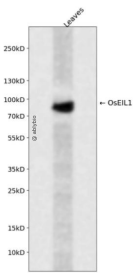
抗原信息

抗原信息	99-115aa合成多肽LSRGKDPAGGVVGDPSK-C
序列	

靶点信息

研究背景	Transcription factor acting as a positive regulator in the ethylene response pathway). Required for the inhibition of root growth by ethylene in etiolated seedlings. Functions upstream of the auxin biosynthetic gene YUCCA8 and directly activates its expression . Functions downstream of the ethylene signaling factor EIN2 in disease resistance against the rice blast fungus (<i>Magnaporthe oryzae</i>). Binds directly to the promoters of the NADPH oxidases RBOHA and RBOHB, and the jasmonate biosynthetic gene OPR4 to activate their expression during fungal infection. May enhance disease resistance by facilitating reactive oxygen species (ROS) generation and jasmonate biosynthesis with subsequent phytoalexin accumulation during <i>Magnaporthe oryzae</i> infection. Acts as negative regulator of salt tolerance . During salt stress, activates the cation transporter HKT1, which mediates increased sodium uptake in roots, and contributes to sodium accumulation and salt toxicity. Binds directly to the DNA sequence 5'-TGTTACAAATACC-3' in the promoter of the GA20OX2 gene to activate its expression at the transcriptional level during ethylene signaling. Possesses transactivation activity in protoplasts.
基因ID	107276358
基因名	
Swiss	Q10M41
别名	MHZ6; OsEIL1; OsEIN3

产品验证



Western blot analysis of OsEIL1 expressed in Leaves using OsEIL1 Rabbit pAb at 1:1000. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:5000. Lysates/proteins: 30ug per lane. Blocking buffer: 5% non-fat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 120s.

实验步骤

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