

Xa13 Rabbit pAb

货号: **AYP22943**

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	33kDa
实测分子量	40kDa
形式	Liquid
保存条件	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.05% proclin300,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	leaves
细胞定位	plasma membrane
纯化	Affinity purification

抗原信息

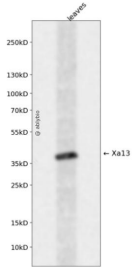
抗原信息	Recombinant protein of Oryza sativa Xa13.
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靶点信息

研究背景	Mediates both low-affinity uptake and efflux of sugar across the plasma membrane. Required for pollen viability. Involved in the transport of copper, in cooperation with COPT1 and COPT2. Confers sensitivity to bacterial blight mediated by <i>X.oryzae</i> pv. <i>oryzae</i> (Xoo) in its Xa13 allelic form (e.g. cv. IR24), probably by providing the sugar required for the pathogen growth, or by reducing copper contents in xylem. However, a recessive resistance can be associated with the xa13 allele (in which the promoter is mutated leading to reduced induction upon pathogen infection, e.g. cv. IRBB13), specifically toward Xoo Philippine race 6 and Indian race PXO8.
基因ID	4346153
基因名	SWEET11

Swiss	Q6YZF3
别名	xa13; Os-8N3; OsSWEET11

产品验证



Western blot analysis of Xa13 expressed in leaves using Xa13 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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