

RGA1 Rabbit pAb

货号: **AYP23431**

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	44.2kDa
实测分子量	44.2kDa
形式	Liquid
保存条件	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	Rice root,Rice leaf
细胞定位	plasma membrane
纯化	Affinity purification

抗原信息

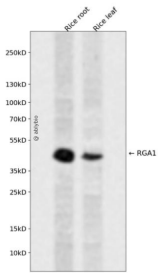
抗原信息	Recombinant protein of Oryza sativa RGA1.
序列	

靶点信息

研究背景	This? gene Ubiquitous expression in leaves before flowering (RPKM 48.7), leaves after flowering (RPKM 36 .4) and 6 other tissues. It encodes protein Alpha subunit of G proteins (guanine nucleotide binding). G-alpha has three isomers, guanine nucleotide-binding protein alpha-1 subunit isoform X1, guanine nucleotide-binding protein alpha-1 subunit isoform X2, and guanine nucleotide-binding protein alpha-1 subunit isoform X3.RGA1 is one of the regulators in salt response partially through ROS scavenging, which might be helpful in elucidating salt tolerant mechanisms of heterotrimeric G protein in rice(PMID 30621186). The α -subunit of the rice heterotrimeric G protein, RGA1, regulates drought tolerance during the vegetative phase in the dwarf rice mutant d1 (PMID 27194741).? The $G\alpha$ heterotrimeric G protein subunit, RGA1,? plays an important role in regulating photoprotection and photoprotection of rice (PMID 29216416).
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基因ID	4338448
基因名	
Swiss	Q0DJ33
别名	LOC4338448;guanine nucleotide-binding protein alpha-1 subunit;D1; GA1; GPA1; RGA1; GP-alpha-1; OJ1005_D04.15;Protein Daikoku dwarf;Protein Dwarf1;Os05g0333200;LOC_Os05g26890

产品验证



Western blot analysis of RGA1 expressed in Rice root, Rice leaf using RGA1 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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