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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

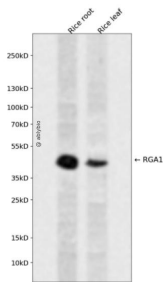
抗原信息

抗原信息	Recombinant protein of Oryza sativa RGA1.
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靶点信息

研究背景	This? gene Ubiquitous expression in leaves before flowering (RPKM 48.7), leaves after flowering (RPKM 3 6.4) and 6 other tissues. It encodes protein Alpha subunit of G proteins (guanine nucleotide binding). G-al pha has three isomers, guanine nucleotide-binding protein alpha-1 subunit isoform X1, guanine nucleotid e-binding protein alpha-1 subunit isoform X2, and guanine nucleotide-binding protein alpha-1 subunit iso form 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 ph ase in the dwarf rice mutant d1 (PMID 27194741).? The $G\alpha$ heterotrimeric G protein subunit, RGA1,? play s an important role in regulating photoprotection and photoprotection of rice (PMID 29216416).
基因ID	4338448
基因名	GPA1
Swiss	Q0DJ33 (https://www.uniprot.org/uniprotkb/Q0DJ33/entry)
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,RGA1 Rabbit pAb

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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