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OsGRF4 Rabbit pAb

货号: AYP22663

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	42kDa
实测分子量	40kDa
形式	Liquid
保存条件	Store at -20℃. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	leaves (after flower),flowers,milk seeds
细胞定位	nucleus
纯化	Affinity purification

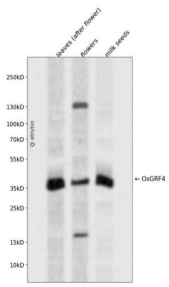
抗原信息

抗原信息	Recombinant protein of Oryza sativa OsGRF4.

靶点信息

研究背景	Transcription activator that plays a role in the regulation of meristematic function in leaves, stems and inflorescences Transcription activator that plays a regulatory role in grain development. Positively regulates grain size by promoting cell division and expansion, leading to increased grain length and width. Positively regulates the expression of genes promoting cell proliferation. Activates the expression of expansin genes to promote cell expansion and grain size . May promote grain size by activating brassinosteroid responses. Component of a network formed by the microRNA396 (miRNA396), the GRFs and their interacting factors (GIFs) acting in the regulation of meristem function, at least partially through the control of cell proliferation (Probable). Component of the miRNA396c-GRF4-GIF1 regulatory module that plays an important role in grain size determination.
基因ID	4330436
基因名	GRF4
Swiss	Q6ZIK5 (https://www.uniprot.org/uniprotkb/Q6ZIK5/entry)
别名	OsGRF4,GS2,GL2,PT2,LGS1,GLW2,OsGRF4 Rabbit pAb,GRF4,Protein GRAIN LENGTH AND WIDTH 2,Protein GRAIN SIZE ON CHROMOSOME 2,Protein PANICLE TRAITS 2,Transcription activator GRF4,LOC4330436

产品验证



Western blot analysis of OsGRF4 expressed in leaves (after flower),flowers,milk seeds using OsGRF4 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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