Hd1 Rabbit pAb

货号: B14052

产品信息

反应	Oryza sativa
宿主	Rabbit
克隆性	Polyclonal
预测反应	**WB:** Oryza sativa
应用	WB
推荐浓度	**WB:** 1:500 - 1:2000
理论分子量	43kDa
实测分子量	50kDa
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	stems (before flower),leaves sheath (before flower),flag leaves (after flower)
细胞定位	nucleus
纯化	Affinity purification

抗原信息

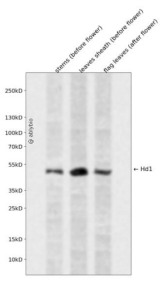
抗原信息	Recombinant protein of Oryza sativa Hd1 .
序列	

靶点信息

研究背景	Probable transcription factor involved in the regulation of flower development. Required for the promotion of flowering under short day (SD) conditions and the suppression of flowering under long day (LD) conditi ons. Regulates positively the floral activator HEADING DATE 3a (HD3A) under SD and negatively under LD conditions. The GIGANTEA-CONSTANS-FLOWER LOCUS T (GI-CO-FT) pathway to control photoperiodic flowering under LD is conserved between Arabidopsis and rice, but the regulation of the downstream gen e by the upstream regulatory gene is reversed in the two species. In Arabidopsis, GI acts as an activator of CO, which in turn activates the floral activator FT under LD conditions. In rice, GI activates HD1/CO in a similar manner to that in Arabidopsis. However, under LD conditions, HD1 suppresses HD3A/FT expressio n, causing the suppression of flowering.

基因**ID**	4340746
基因名	
Swiss	Q9FDX8
别名	Hd1; SE1; OsHd1

产品验证



Western blot analysis of Hd1 expressed in stems (before flower),leaves sheath (before flower),flag leaves (after flower) using Hd1 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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