

Ghd 7.1 Rabbit pAb

Catalog No.: A20584

Basic Information

Observed MW

80kDa

Calculated MW

80kDa

Category

Primary antibody

Applications

ELISA, WB

Cross-Reactivity

Oryza sativa

Background

Probable transcription factor involved in the regulation of flowering time under long day (LD) conditions. Functions as repressor of flowering. Controls flowering time by negatively regulating the expression of HD3A. Acts downstream of the phytochrome B to repress the expression of EHD1, an activator of the flowering promoter genes HD3A and RFT1. Controls photoperiodic flowering response. Seems to be one of the component of the circadian clock. Expression of several members of the ARR-like family is controlled by circadian rhythm. The particular coordinated sequential expression of PRR73, PRR37, PRR95, PRR59 and PPR1 result to circadian waves that may be at the basis of the endogenous circadian clock (By similarity).

Recommended Dilutions

WB 1:500 - 1:2000

Immunogen Information

Gene ID

4344399

Swiss Prot

Q0D3B6

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 1-100 of Oryza sativa Ghd 7.1 (Q0D3B6).

Synonyms

HD2; DTH7; PRR37; OsPRR37; Ghd 7.1

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

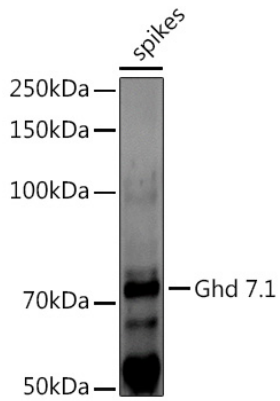
Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.01% thimerosal, 50% glycerol, pH 7.3.

Validation Data



Western blot analysis of extracts of various tissues from the japonica rice (*Oryza sativa* L.) variety Zhonghua 11, using Ghd 7.1 Rabbit pAb (A20584) at 1:1000 dilution.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Enhanced Kit (RM00021).
Exposure time: 60s.