

A20584

Leader in Biomolecular Solutions for Life Science



## Ghd 7.1 Rabbit pAb

Catalog No.: A20584

### Basic Information

#### Observed MW

80kDa

#### Calculated MW

80kDa

#### Category

Polyclonal Antibody

#### Applications

WB, ELISA

#### 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 protein of Oryza sativa Ghd 7.1

#### Synonyms

HD2; DTH7; PRR37; OsPRR37; Ghd 7.1

### Contact



[www.abclonal.com](http://www.abclonal.com)

### Product Information

#### Source

Rabbit

#### Isotype

IgG

#### Purification

Affinity purification

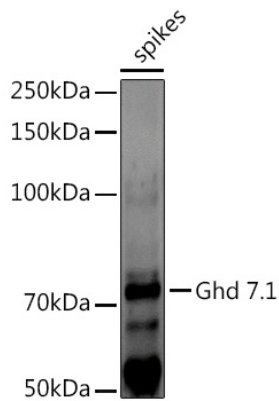
#### Storage

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.