# **GRF4** Rabbit pAb

Catalog No.: A21063



## **Basic Information**

#### **Observed MW**

Refer to figures

### **Calculated MW**

42kDa

# Category

Primary antibody

## **Applications**

WB,ELISA

#### **Cross-Reactivity**

Oryza sativa

# **Background**

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.

# **Recommended Dilutions**

**WB** 1:500 - 1:2000

**ELISA** 

Recommended starting concentration is 1 µg/mL.
Please optimize the concentration based on your specific assay requirements.

# Immunogen Information

**Gene ID**4330436

Swiss Prot
Q6ZIK5

#### **Immunogen**

Synthetic peptide. This information is considered to be commercially sensitive.

## **Synonyms**

GL2; GS2; PT2; GLW2; GRF4; grf2; OsGRF4; OsJ\_08054; OJ1111\_E07.19

# **Contact**

<b>a</b>		400-999-6126
$\bowtie$		cn.market@abclonal.com.cn
$\odot$	T	www.abclonal.com.cn

## **Product Information**

SourceIsotypePurificationRabbitIgGAffinity purification

#### Storage

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

Buffer: PBS containing 50% glycerol, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.