

A16014

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## OsBZR1 Rabbit pAb

Catalog No.: A16014

### Basic Information

#### Observed MW

40kDa

#### Calculated MW

32kDa

#### Category

Polyclonal Antibody

#### Applications

WB,ELISA

#### Cross-Reactivity

Oryza sativa

### Background

Positive brassinosteroid-signaling protein. Mediates downstream brassinosteroid-regulated growth response and feedback inhibition of brassinosteroid (BR) biosynthetic genes. May act as transcriptional repressor by binding the brassinosteroid-response element (BREE) (5'-CGTG(T/C)G-3') in the promoter of DLT (AC Q9LWU9), another positive regulator of BR signaling. Acts as transcriptional repressor of LIC, a negative regulator of BR signaling, by binding to the BRRE element of its promoter. BZR1 and LIC play opposite roles in BR signaling and regulation of leaf bending

### Recommended Dilutions

WB 1:500 - 1:2000

### Immunogen Information

#### Gene ID

4343719

#### Swiss Prot

Q7XI96

#### Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 82-276 of Oryza sativa OsBZR1 (Q7XI96).

#### Synonyms

BZR1; OsBZR1; OsJ\_24880; OsBZR1

### Contact



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

### Product Information

#### Source

Rabbit

#### Isotype

IgG

#### Purification

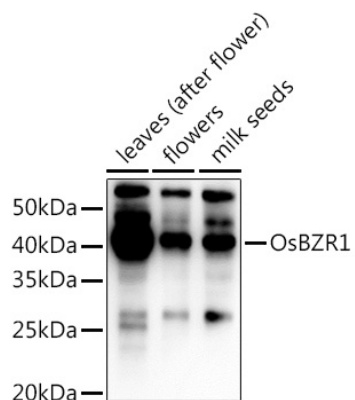
Affinity purification

#### Storage

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

Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

## Validation Data



Western blot analysis of extracts of various tissues from the japonica rice (*Oryza sativa* L.) variety Zhonghua 11, using OsBZR1 Rabbit pAb (A16014) 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: 30s.