

OsBZR1 Rabbit pAb

Catalog No.: A16014

Basic Information

Observed MW

40kDa

Calculated MW

32kDa

Category

Primary antibody

Applications

ELISA, WB

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

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Product Information

Source

Rabbit

Isotype

IgG

Purification

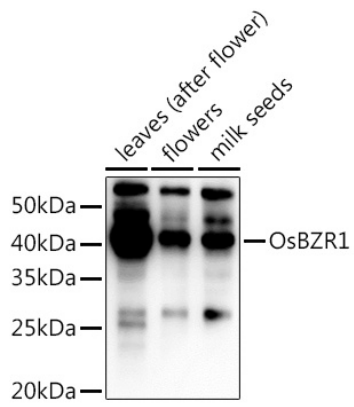
Affinity purification

Storage

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

Buffer: PBS with 0.02% 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.