

OsTB1 Rabbit pAb

Catalog No.: A20349

Basic Information

Observed MW

52kDa

Calculated MW

42kDa

Category

Primary antibody

Applications

WB, ELISA

Cross-Reactivity

Oryza sativa

Background

Probable transcription factor that functions as a negative regulator of lateral branching, presumably through its expression in axillary buds. Involved in the fine tuning of shoot branching. May function as an integrator of multiple signaling pathways to regulate the development of axillary buds. Works partially downstream of strigolactones to inhibit bud outgrowth. Binds to MADS57 to suppress the negative regulation of D14 by MADS57 and balance the expression of D14 for tillering

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

4333856

Swiss Prot

Q8LN68

Immunogen

Recombinant protein (or fragment). This information is considered to be commercially sensitive.

Synonyms

TCP8; OsTB1

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

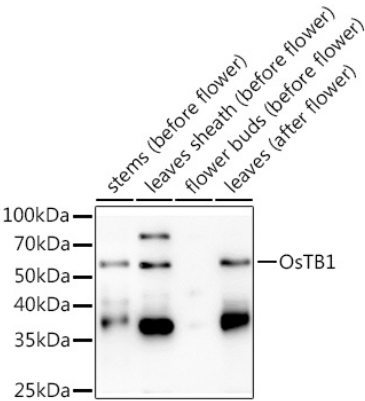
Affinity purification

Storage

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

Buffer: PBS with 0.01% thimerosal, 50% glycerol, pH7.3.

Validation Data



Western blot analysis of extracts of various tissues from the japonica rice (*Oryza sativa* L.) variety Zhonghua 11, using OsTB1 Rabbit pAb (A20349) at 1:1000 dilution.
Secondary antibody: HRP-conjugated 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 Basic Kit (RM00020).
Exposure time: 60s.