

OsMYB30 Rabbit pAb

Catalog No.: A20623

Basic Information

Observed MW

28kDa

Calculated MW

28kDa

Category

Primary antibody

Applications

ELISA, WB

Cross-Reactivity

Oryza sativa

Background

Acts as negative regulator of cold tolerance. Negatively regulates beta-amylase genes at the transcriptional level in response to cold stress. Suppresses beta-amylase gene expression by interacting with TIFY11A/JAZ9. Maltose produced by beta-amylases has a role in protecting cell membranes under cold stress conditions in rice and may contribute to the cold tolerance as a compatible solute.

Recommended Dilutions

WB 1:500 - 1:2000

Immunogen Information

Gene ID

4330027

Swiss Prot

Q6K1S6

Immunogen

Recombinant protein of Oryza sativa OsMYB30.

Synonyms

OsMYB30

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

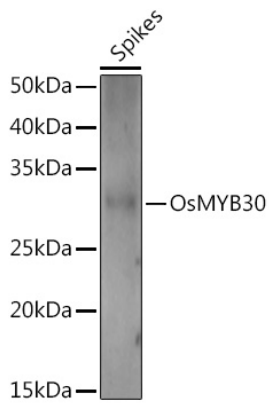
Affinity purification

Storage

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

Buffer: PBS with 0.05% proclin300, 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 OsMYB30 Rabbit pAb (A20623) 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: 600s.