

A20623

Leader in Biomolecular Solutions for Life Science



OsMYB30 Rabbit pAb

Catalog No.: A20623

Basic Information

Observed MW

28kDa

Calculated MW

28kDa

Category

Polyclonal Antibody

Applications

WB,ELISA

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



www.abclonal.com

Product Information

Source

Rabbit

Isotype

IgG

Purification

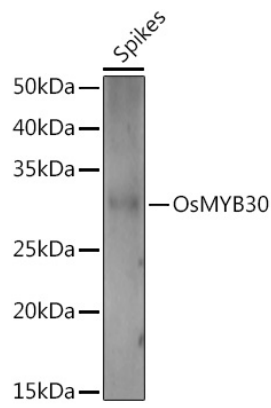
Affinity purification

Storage

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

Buffer: PBS with 0.05% 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.