

A19528

Leader in Biomolecular Solutions for Life Science



NAL1 Rabbit pAb

Catalog No.: A19528

Basic Information

Observed MW

55kDa

Calculated MW

63kDa

Category

Polyclonal Antibody

Applications

WB,ELISA

Cross-Reactivity

Oryza sativa

Background

Involved in the regulation of lateral leaf growth. May be involved in the regulation of basipetal polar auxin transport (PAT) and vascular patterning in leaves. Controls photosynthesis rate by regulating carboxylation efficiency and consequently photosynthesis rate. Controls panicle and spikelet numbers, and grain yield

Recommended Dilutions

WB 1:500 - 1:2000

Immunogen Information

Gene ID

4336986

Swiss Prot

B4XT64

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 1-100 of Oryza sativa NAL1. (B4XT64).

Synonyms

GFP; SPIKE; qFLW4; LSCHL4; OsJ_16147; NAL1

Contact



www.abclonal.com

Product Information

Source

Rabbit

Isotype

IgG

Purification

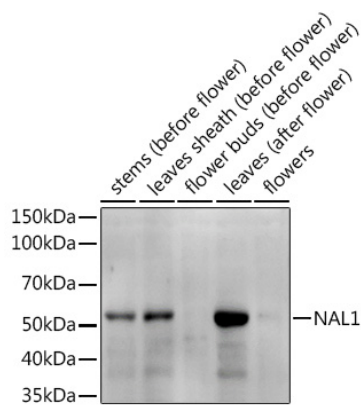
Affinity purification

Storage

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

Buffer: PBS with 0.01% 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 NAL1 Rabbit pAb (A19528) 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: 60s.