

OsDLT Rabbit pAb

Catalog No.: A20318

Basic Information

Observed MW

66kDa

Calculated MW

66kDa

Category

Primary antibody

Applications

WB,ELISA

Cross-Reactivity

Oryza sativa

Background

Probable transcription factor that acts as positive regulator of brassinosteroid (BR) signaling. Functions downstream of BRI1 and GSK2 to modulate BR responses. Acts as a direct target of GSK2 kinase to mediate BR responses. Involved in feedback inhibition of BR biosynthetic genes. Repressed by BZR1. Cooperatively functions in a transactivating complex with SMOS1 to enhance the transcription of the SMOS1 target PH1-1, and regulate plant organ size. Interaction between SMOS1 and DLT is a crosstalk point for auxin and brassinosteroid signaling

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

4339978

Swiss Prot

Q9LWU9

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 1-214 of Oryza sativa OsDLT. (Q9LWU9).

Synonyms

DLT; OsGRAS-32; D62; GS6; SMOS2; OsDLT

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

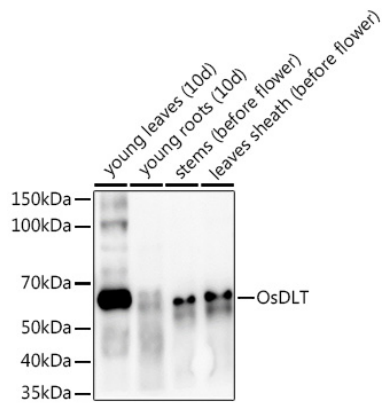
Affinity purification

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 OsDLT Rabbit pAb (A20318) 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 Enhanced Kit (RM00021).
Exposure time: 30s.