

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

Synonyms

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

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

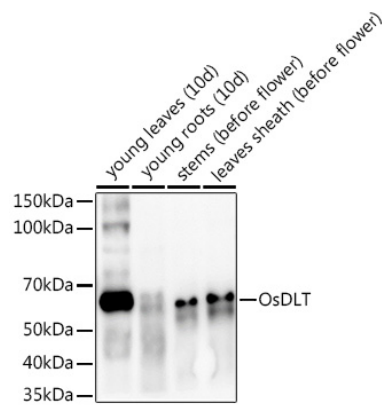
Affinity purification

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.