

A20318

Leader in Biomolecular Solutions for Life Science



## OsDLT Rabbit pAb

Catalog No.: A20318

### Basic Information

#### Observed MW

66kDa

#### Calculated MW

66kDa

#### Category

Polyclonal 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 PHI-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



[www.abclonal.com](http://www.abclonal.com)

### Product Information

#### Source

Rabbit

#### Isotype

IgG

#### Purification

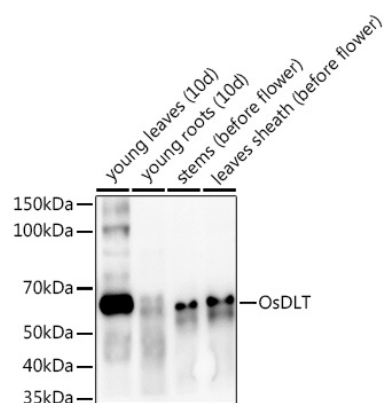
Affinity purification

#### Storage

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

Buffer: PBS with 0.01% thimerosal, 50% glycerol, pH 7.3.

## 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.