

DTH8 Rabbit pAb

Catalog No.: A19184

Basic Information

Observed MW

30kDa

Calculated MW

30kDa

Category

Primary antibody

Applications

WB, ELISA

Cross-Reactivity

Oryza sativa

Background

Probable transcription factor involved in the regulation of flowering time under long day (LD) conditions. Functions as repressor of flowering, independently of HD1 and GHD7. Controls flowering time by negatively regulating the expression of EHD1 and HD3A. Regulates plant height by promoting cell elongation in the internodes. Component of the NF-Y/HAP transcription factor complex.

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

4344784

Swiss Prot

Q0J7P4

Immunogen

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

Synonyms

Hd5; DTH8; GHD8; HAP3H; NFYB11; OsHAP3H; OsNF-YB11

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

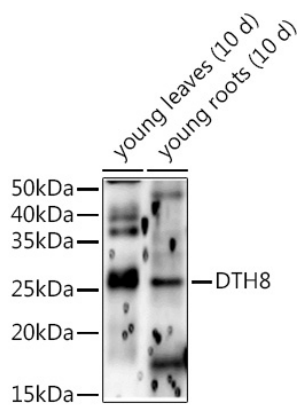
Affinity purification

Storage

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

Buffer: PBS with 0.02% sodium azide, 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 DTH8 Rabbit pAb (A19184) 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: 60s.