

Hd3a Rabbit pAb

Catalog No.: A20675

Basic Information

Observed MW

24kDa

Calculated MW

20kDa

Category

Primary antibody

Applications

WB, ELISA

Cross-Reactivity

Oryza sativa

Background

Probable mobile flower-promoting signal (florigen) that moves from the leaf to the shoot apical meristem (SAM) and induces flowering. Promotes the transition from vegetative growth to flowering downstream of HD1 and EHD1 under short day (SD) conditions. Acts upstream of MADS14 and MADS15.

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

4340185

Swiss Prot

Q93WI9

Immunogen

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

Synonyms

Hd3a; Osj_20191

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

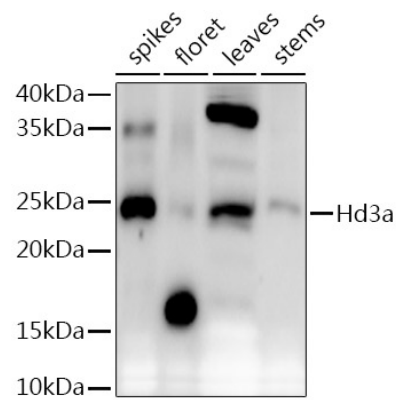
Affinity purification

Storage

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

Buffer: Buffer: PBS containing 50% glycerol, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

Validation Data



Western blot analysis of extracts of various tissues from the japonica rice (*Oryza sativa* L.) variety Zhonghua 11, using Hd3a Rabbit pAb (A20675) 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.