Hd3a Rabbit pAb

Catalog NO.: A20675

Basic Information

Observed MW
24kDa

Calculated MW
20kDa

Category
Polyclonal Antibodies

Applications
WB, ELISA

Cross-Reactivity
Oryza sativa

Conjugation
Unconjugated

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

Product Information

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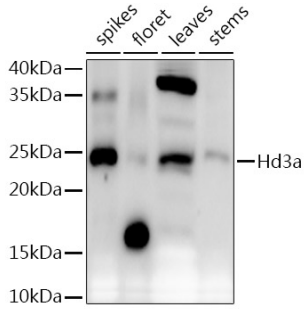
Source
Rabbit

Isotype
IgG

Purification
Affinity purification

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

For research use only. Not for therapeutic or diagnostic purposes.

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