

GNP1 Rabbit pAb

Catalog No.: A20621

Basic Information

Observed MW

42kDa

Calculated MW

42kDa

Category

Primary antibody

Applications

ELISA, WB

Cross-Reactivity

Oryza sativa

Background

Key oxidase enzyme in the biosynthesis of gibberellin. Catalyzes the conversion of GA12 and GA53 to GA9 and GA20 respectively, via a three-step oxidation at C-20 of the GA skeleton

Recommended Dilutions

WB 1:500 - 1:2000

Immunogen Information

Gene ID

4334841

Swiss Prot

Q10AC7

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 1-100 of Oryza sativa GNP1. (Q10AC7).

Synonyms

GNP1; OsGA20ox1; qEPD2

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

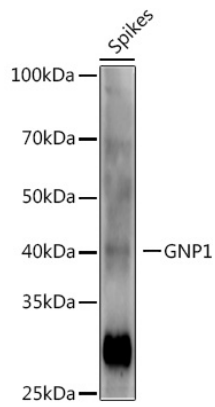
Affinity purification

Storage

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

Buffer: PBS with 0.05% proclin300, 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 GNP1 Rabbit pAb (A20621) at 1:1000 dilution.
Secondary antibody: HRP 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.