

GID1A Rabbit pAb

Catalog No.: A22240

Basic Information

Observed MW

39kDa

Calculated MW

39kDa

Category

Primary antibody

Applications

WB, ELISA

Cross-Reactivity

Arabidopsis thaliana

Background

Encodes a gibberellin (GA) receptor ortholog of the rice GA receptor gene (OsGID1). Has GA-binding activity, showing higher affinity to GA4. Interacts with DELLA proteins in vivo in the presence of GA4. The DELLA region alone can interact with GID1A in GA-dependent manner in a Y2H assay.

Recommended Dilutions

WB 1:1000 - 1:5000

ELISA Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID

819674

Swiss Prot

Q9MAA7

Immunogen

Synthetic peptide. This information is considered to be commercially sensitive.

Synonyms

ATGID1A; GA INSENSITIVE DWARF1A; T12H1.8; T12H1_8; GID1A

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

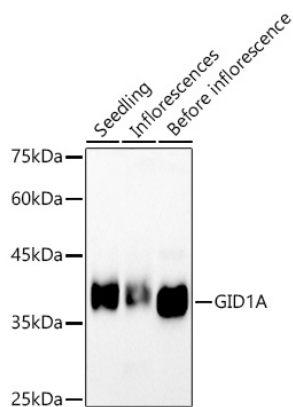
Affinity purification

Storage

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

Buffer: PBS 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 various tissues from *Arabidopsis thaliana*, using GID1A Rabbit pAb (A22240) at 1:2000 dilution.

Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates / proteins: 25 µg per lane.

Blocking buffer: 3 % nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 30s.