Cold1 Rabbit pAb

Catalog No.: A20713



Basic Information

Observed MW

53kDa

Calculated MW

53kDa

Category

Primary antibody

Applications

WB,ELISA

Cross-Reactivity

Oryza sativa

Background

Involved in chilling tolerance. Interacts with the G-protein alpha subunit GPA1 to activate the calcium channel for sensing low temperature and to accelerate G-protein GTPase activity.

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

Swiss Prot

4336878

Q7X7S8

Immunogen

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

Synonyms

COLD1; OsJ_16035; Cold1

Contact

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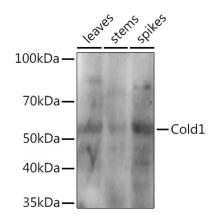
Product Information

SourceIsotypePurificationRabbitIgGAffinity 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.



Western blot analysis of extracts of various tissues from the japonica rice (Oryza sativa L.) variety Zhonghua 11, using Cold1 Rabbit pAb (A20713) 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: 10s.