CAL Rabbit pAb

Catalog No.: A20639



Basic Information

Observed MW

9kDa

Calculated MW

9kDa

Category

Primary antibody

Applications

WB,ELISA

Cross-Reactivity

Oryza sativa

Background

Plant defensin-like protein involved in accumulation of cadmium (Cd) in rice leaves. Mediates Cd efflux from cytosol into extracellular spaces via chelation. This drives Cd secretion from xylem parenchyma cells into the xylem vessels, hence lowering Cd levels in cytosol meanwhile promoting Cd translocation from roots to shoots.

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 4330051

Swiss Prot Q6K209

Immunogen

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

Synonyms

BC12; CAL

Contact

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Product Information

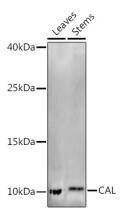
SourceIsotypePurificationRabbitIgGAffinity purification

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.

Validation Data



Western blot analysis of extracts of various tissues from the japonica rice (Oryza sativa L.) variety Zhonghua 11, using CAL Rabbit pAb (A20639) 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: 60s.