OsTPP1 Rabbit pAb

Catalog No.: A20629



Basic Information

Observed MW

51kDa

Calculated MW

41kDa

Category

Primary antibody

Applications

WB,ELISA

Cross-Reactivity

Oryza sativa

Background

Removes the phosphate from trehalose 6-phosphate to produce free trehalose. Trehalose accumulation in plant improves abiotic stress tolerance.

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

4330221

Q75WV3

Immunogen

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

Synonyms

TPP1; OsTPP1; OsJ_07820; P0516F12.9

Contact

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Product Information

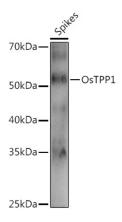
SourceIsotypePurificationRabbitIgGAffinity purification

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 OsTPP1 Rabbit pAb (A20629) 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.