

# OsTPP1 Rabbit pAb

Catalog No.: A20629

## Basic Information

### Observed MW

51kDa

### Calculated MW

41kDa

### Category

Primary antibody

### Applications

ELISA, WB

### 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

## Immunogen Information

### Gene ID

4330221

### Swiss Prot

Q75WV3

### Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 1-100 of Oryza sativa OsTPP1. (Q75WV3).

### Synonyms

TPP1; OsTPP1; OsJ\_07820; P0516F12.9

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

Affinity purification

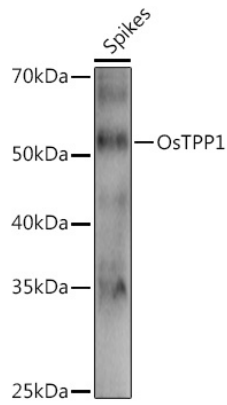
### Storage

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

Buffer: PBS with 0.05% proclin300, 50% glycerol, pH7.3.

## Validation Data

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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 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.