

# CTB4a Rabbit pAb

Catalog No.: A20640

## Basic Information

### Observed MW

120kDa

### Calculated MW

120kDa

### Category

Primary antibody

### Applications

WB, ELISA

### Cross-Reactivity

Oryza sativa

## Background

CTB4a (cold tolerance at booting stage), encoding a conserved leucine-rich repeat receptor-like kinase. The different CTB4a alleles confer distinct levels of cold tolerance and selection for variation in the CTB4a promoter region has occurred on the basis of environmental temperature.

## 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

4335004

### Swiss Prot

Q0JF76

### Immunogen

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

### Synonyms

LRR-PK1; CTB4a

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

Affinity purification

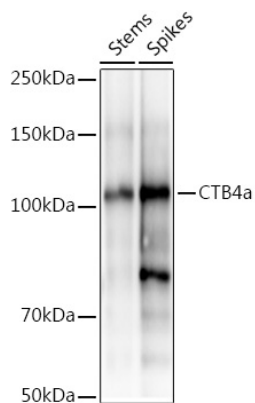
### Storage

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

Buffer: Buffer: PBS containing 50% glycerol, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

## 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 CTB4a Rabbit pAb (A20640) 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 Basic Kit (RM00020).

Exposure time: 30s.