

A20577

Leader in Biomolecular Solutions for Life Science



## CSA Rabbit pAb

Catalog No.: A20577

### Basic Information

#### Observed MW

50kDa

#### Calculated MW

36kDa

#### Category

Polyclonal Antibody

#### Applications

WB,ELISA

#### Cross-Reactivity

Oryza sativa

### Background

Transcription factor required for sugar partitioning from leaves to anthers during male reproductive development. Required for the production of functional pollen grains. Binds to the promoter of the anther-specific sugar transporter MST8 and regulates its expression. Regulates the expression of genes involved in sugar partitioning in flower, such as the sugar transporter SUT3, the invertase INV4, the UDP-glucose pyrophosphorylase UGP2 and the starch synthase WAXY

### Recommended Dilutions

WB 1:500 - 1:2000

### Immunogen Information

#### Gene ID

4325181

#### Swiss Prot

#### Immunogen

Recombinant protein of Oryza sativa CSA.

#### Synonyms

P0038F12.1; CSA

### Contact



[www.abclonal.com](http://www.abclonal.com)

### Product Information

#### Source

Rabbit

#### Isotype

IgG

#### Purification

Affinity purification

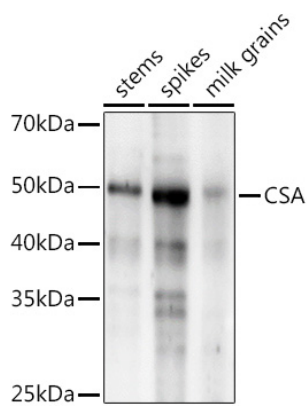
#### Storage

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

Buffer: PBS with 0.01% thimerosal, 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 CSA Rabbit pAb (A20577) 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: 120s.