

# Actin(Plant Specific) Rabbit mAb

Catalog No.: A23959   **Recombinant**   **1 Publications**

## Basic Information

### Observed MW

45kDa

### Calculated MW

45kDa

### Category

Primary antibody

### Applications

WB, ELISA

### Cross-Reactivity

Widely Range, Oryza sativa, Arabidopsis thaliana

### CloneNo number

ARC62861

## Background

Actin is an ancient conserved protein that is encoded by multiple isovariants in multi-cellular organisms. There are eight functional actin genes in the Arabidopsis genome.

## Recommended Dilutions

**WB**                      1:10000 - 1:60000

**ELISA**                      Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

## Immunogen Information

### Gene ID

### Swiss Prot

### Immunogen

Synthetic peptide. This information is considered to be commercially sensitive.

### Synonyms

ACT12; Actin(Plant Specific)

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

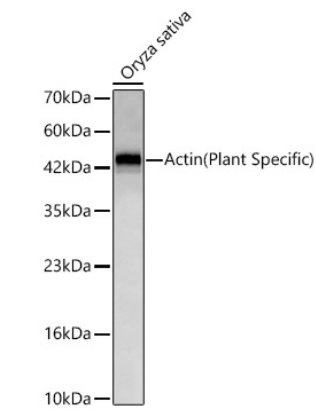
Affinity purification

### Storage

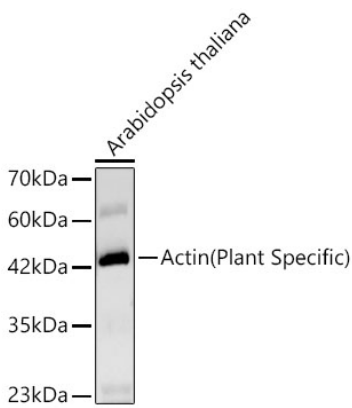
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS containing 50% glycerol and 0.05% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

# Validation Data



Western blot analysis of lysates from *Oryza sativa*, using Actin(Plant Specific) Rabbit mAb (A23959) at 1:10000 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: 10s.



Western blot analysis of *Arabidopsis thaliana*, using Actin(Plant Specific) Rabbit mAb (A23959) at 1:10000 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: 60s.