

Actin (Plant Specific) Monoclonal Antibody

CAB23959

Description

This Actin (Plant Specific) Monoclonal Antibody is supplied as a kit for advanced applications. The kit includes Bradford Reagent to quantify total protein concentration for accurate sample normalization (Optional).

Product Information

SKU: CAB23959

Contents: 20 µL, 100 µL

Bradford Reagent: 1 vial (2ml)

Category: Monoclonal Antibody

Synonyms: ACT12, Actin(Plant Specific)

Clone: ARC62861

Applications:  

Conjugation: Unconjugated

Reactivity: Widely Range, Oryza sativa, Arabidopsis thaliana

Antibody Data

Gene ID: -

Uniprot: -

Host Species: Rabbit

Purification: Affinity purification

Observed MW: 45kDa

Calculated MW: 45kDa

Preparation & Storage

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.

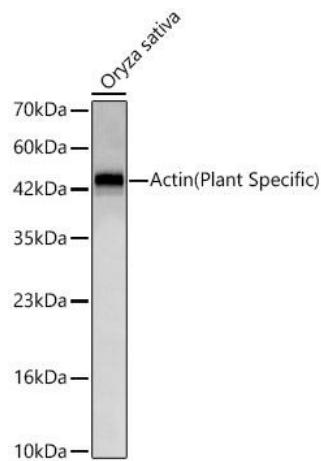
Store Bradford Reagent at Room Temperature for 1 Year.

Positive Sample: Oryza sativa, Arabidopsis thaliana

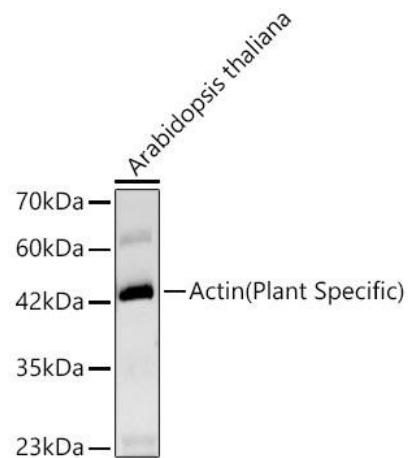
Recommended Dilutions:	WB	1:10000 - 1:60000
	ELISA	Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

Protein Quantification (Optional): To quantify total protein levels, use the Bradford Reagent included in this kit. Visit <https://www.assaygenie.com/bradford-protein-assay-protocol/> to view the full protocol

Validation Data



Western blot analysis of lysates from Oryza sativa, using Actin(Plant Specific) Rabbit mAb (CAB23959) at 1:10000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (AbGn00020). Exposure time: 10s.



Western blot analysis of Arabidopsis thaliana, using Actin(Plant Specific) Rabbit mAb (CAB23959) at 1:10000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (AbGn00020). Exposure time: 60s.

