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Actin(Plant Specific) Rabbit mAb

Catalog No.: A23959 Recombinant 2 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℃. 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.

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