

Actin (plant specific) Rabbit pAb

Catalog No.: AC053

Basic Information

Observed MW

45kDa

Calculated MW

45kDa

Category

Loading control antibody

Applications

WB

Cross-Reactivity

Widely Range, Oryza sativa

Background

Actins are highly conserved proteins that are involved in cell motility, structure, and integrity. This actin is a major constituent of the contractile apparatus and one of the two nonmuscle cytoskeletal actins.

Recommended Dilutions

WB 1:1000 - 1:5000

Immunogen Information

Gene ID

Swiss Prot

Immunogen

A synthetic peptide corresponding to a sequence within amino acids 1-100 of Actin(Plant Specific)(NP_190236.1).

Synonyms

ACT12; Actin(Plant Specific)

Contact

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Product Information

Source

Rabbit

Isotype

IgG1

Purification

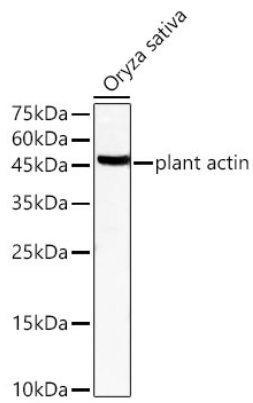
Affinity purification

Storage

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

Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Validation Data



Western blot analysis of lysates from *Oryza sativa* using plant actin Rabbit pAb(AC053) at 1:2000 dilution.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25 µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection:(ECL Basic Kit (RM00020)).
Exposure time: 180s.