

AC022

Leader in Biomolecular Solutions for Life Science



Actin (plant specific) Rabbit pAb

Catalog No.: AC022

Basic Information

Observed MW

42kDa

Calculated MW

45kDa

Category

Mouse Monoclonal Antibody

Applications

WB

Cross-Reactivity

Various Plants

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 1:500 - 1:1000

Immunogen Information

Gene ID**Swiss Prot****Immunogen**

A synthetic peptide corresponding to Actin (plant specific).

Synonyms

Contact



www.abclonal.com

Product Information

Source

Rabbit

Isotype

IgG1

Purification

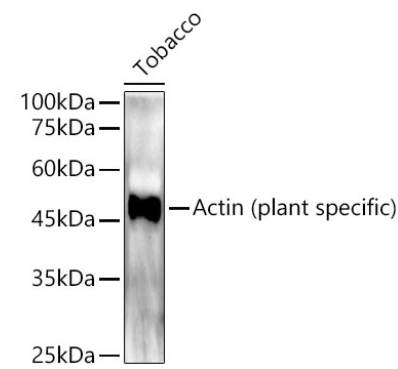
Affinity purification

Storage

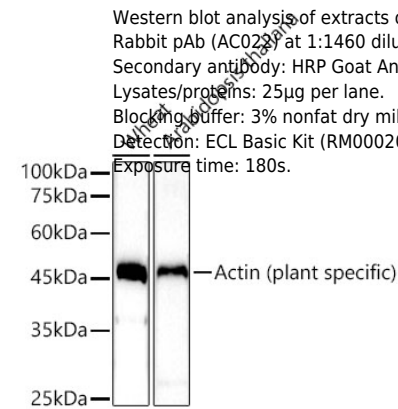
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH 7.3.

Validation Data



Western blot analysis of lysates from Tobacco, using Actin (plant specific) Rabbit pAb (AC022) 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: 60s.



Western blot analysis of extracts of various tissues from Arabidopsis thaliana, using Actin (plant specific) Rabbit pAb (AC022) at 1:1460 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 Basic Kit (RM00020).
Exposure time: 180s.