



Anti- Plant Actin Antibody

Catalog: RGA2040

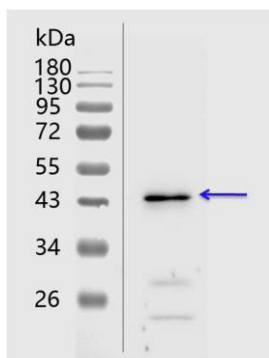
Product Information

Description:	Rabbit polyclonal antibody
Background:	Actin is an ancient conserved protein that is encoded by multiple isoforms in multi-cellular organisms. There are eight functional actin genes in the Arabidopsis genome.
Synonyms:	Actin, ACT
Immunogen:	Recombinant protein of Actin-11 derived from <i>Arabidopsis thaliana</i> AT3G12110.
Form:	Liquid, 20 μ l, 1mg/ml
Purification:	Protein A purified
Stability &	Use a manual defrost freezer and avoid repeated freeze-thaw cycles.
Storage:	12 months from date of receipt, -20 to -70 $^{\circ}$ C as supplied. 1 month, 2 to 8 $^{\circ}$ C as supplied.
Shipping:	The product is shipped at 4 $^{\circ}$ C. Upon receipt, store it immediately at the temperature recommended above.

Application Information

Recommended Dilution:	Western Blot (1:1000-1:4000) Note: Optimal dilutions/concentrations should be determined by the end user.
Expected/apparent MW:	42 kDa
Confirmed Reactivity:	<i>Arabidopsis thaliana</i> . For more species homologues information, please contact real-times@vip.163.com

Application Example



50 μ g total protein from *Arabidopsis thaliana* leaf.

Electrophoresis: 12% SDS-PAGE

Transfer: blotting to NC (nitrocellulose) membrane for 1 h.

Blocking: 5% skim milk at RT or 4 $^{\circ}$ C for 1 h.

Primary antibody: 1:4000 dilution overnight at 4 $^{\circ}$ C.

Secondary antibody: 1:20000 dilution using Goat Anti-Rabbit IgG H&L (HRP)

Detection: using chemiluminescence substrate and image were captured with CCD camera.