

Rabbit Actin Monoclonal Antibody | anti-ACT12 antibody

Actin (Plant Specific) Rabbit mAb

CATALOG # AAA283036	HOST Rabbit	REACTIVITY Arabidopsis thaliana	APPLICATIONS ELISA, Western Blot
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PRODUCT SYNONYMS

Actin; Monoclonal Antibody; Actin (Plant Specific) Rabbit mAb; ACT12; Actin(Plant Specific); anti-ACT12 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Arabidopsis thaliana
Clonality	Monoclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.05% proclin300, 0.05% BSA, 50% glycerol, pH7.3.
Sequence	MADGEDIQPL VCDNGTGMVK AGFAGDDAPR AVFPSIVGRP RHTGVMVGMG QKDAYVGDEA QSKRGILTLLK YPIEHGIVNN WDDMEKIWHH TFYNELRVAP
Applicable Applications for anti-ACT12 antibody	ELISA, WB (Western Blot)
Cross Reactivity	Widely Range, Oryza sativa, Arabidopsis thaliana
Immunogen	A synthetic peptide corresponding to a sequence within amino acids 1-100 of Actin(Plant Specific)(NP_190236.1).
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



WB (Western Blot)

Western blot analysis of Arabidopsis thaliana, using Actin(Plant Specific) Rabbit mAb (AAA283036) at 1:10000 dilution.Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.Lysates/proteins: 25ug per lane.Blocking buffer: 3% nonfat dry milk in TBST.Detection: ECL Basic Kit (RM00020).Exposure time: 60s.



WB (Western Blot)

Western blot analysis of lysates from Oryza sativa, using Actin(Plant Specific) Rabbit mAb (AAA283036) at 1:10000 dilution.Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.Lysates/proteins: 25ug per lane.Blocking buffer: 3% nonfat dry milk in TBST.Detection: ECL Basic Kit (RM00020).Exposure time: 10s.

ADDITIONAL INFORMATION

Related Product Information for anti-ACT12 antibody	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.
Product Categories/Family for anti-ACT12 antibody	Signal Transduction; Cell Biology Developmental Biology; Cytoskeleton; Microfilaments; Death Receptor Signaling Pathway; Endocrine Metabolism; Mitochondrial metabolism; Immunology Inflammation; Antibodies

NCBI AND UNIPROT INFORMATION

Molecular Weight	Calculated MW: 42kDa Observed MW: 42kDa
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For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/actin-antibody-western-blot-elisa/283036>