

ACTIN Antibody

Catalog No: #35537

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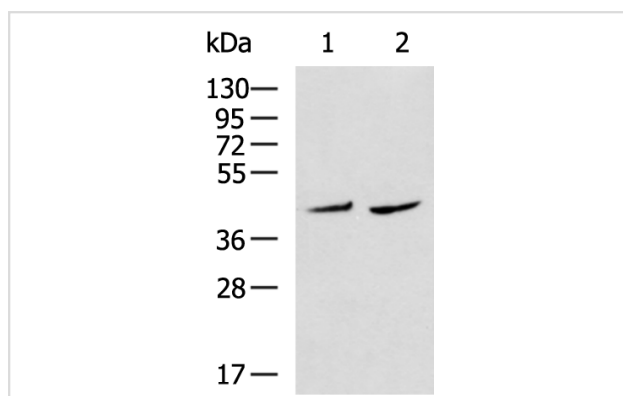
Description

Product Name	ACTIN Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification.
Applications	WB,ELISA
Species Reactivity	Plants
Specificity	The antibody detects endogenous levels of total ACTIN protein.
Immunogen Type	Peptide
Immunogen Description	Synthetic peptide of Arabidopsis thaliana actin
Target Name	ACTIN
Other Names	ACTB
Accession No.	Swiss-Prot#: P53497NCBI Gene ID: 823805Gene Accssion: NP_190236.1
Uniprot	P53497
GeneID	823805;
Calculated MW	42kDa
Concentration	0.7mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol.
Storage	Store at -20°C

Application Details

Western blotting: 1:500-1:2000

Images



Gel: 8%SDS-PAGE
Lysate: 40 μ g
Lane 1-2: Corn leaves lysate, Rice leaves lysate
Primary antibody: ACTIN Antibody at dilution 1/1000
Secondary antibody: Goat anti rabbit IgG at 1/5000 dilution
Exposure time: 5 minutes

Background

Member of actin subclass composed of ACT12 and ACT4. RNA is expressed at very low levels in vegetative organs, low levels in flowers and very high levels in pollen. Expression of an ACT12/GUS fusion was found in vascular tissues, tapetum, developing and mature pollen, the root cap and in a

ring of pericycle tissues during lateral root initiation and early development.

Note: This product is for in vitro research use only