

## ACTR1A Antibody

Catalog No: #36031

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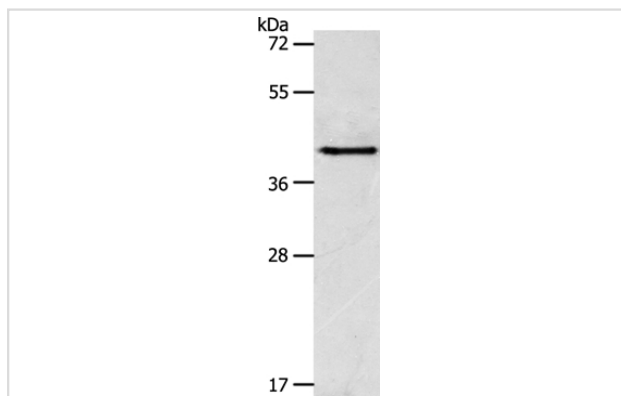
## Description

Product Name	ACTR1A Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification.
Applications	WB
Species Reactivity	Hu Ms Rt
Specificity	The antibody detects endogenous levels of total ACTR1A protein.
Immunogen Type	Recombinant Protein
Immunogen Description	Fusion protein corresponding to residues near the C terminal of human ARP1 actin-related protein 1 homolog A, cetractin alpha (yeast)
Target Name	ACTR1A
Other Names	ARP1; CTRN1
Accession No.	Swiss-Prot#: P61163NCBI Gene ID: 10121Gene Accssion: BC000693
Uniprot	P61163
GeneID	10121;
SDS-PAGE MW	43kd
Concentration	0.6mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol.
Storage	Store at -20°C

## Application Details

Western blotting: 1:200-1:1000

## Images



Gel: 10%SDS-PAGE  
Lysate: 40ug MCF7 cell  
Primary antibody: 1/300 dilution  
Secondary antibody dilution: 1/8000  
Exposure time: 10 seconds

## Background

This gene encodes a 42.6 kD subunit of dynactin, a macromolecular complex consisting of 10-11 subunits ranging in size from 22 to 150 kD. Dynactin

binds to both microtubules and cytoplasmic dynein. It is involved in a diverse array of cellular functions, including ER-to-Golgi transport, the centripetal movement of lysosomes and endosomes, spindle formation, chromosome movement, nuclear positioning, and axonogenesis. This subunit is present in 8-13 copies per dynactin molecule, and is the most abundant molecule in the dynactin complex. It is an actin-related protein, and is approximately 60% identical at the amino acid level to conventional actin.

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Note: This product is for in vitro research use only