

# Anti-ACTR3 antibody



Catalog Number: 142938

## Product name

Anti-ACTR3 antibody

## Immunogen

[Human ACTR3/Actin-related protein 3 \(His & GST Tag\)](#)

## Specificity

Human ACTR3/Actin-related protein 3

## Antibody description

Rabbit Polyclonal to Human ACTR3

## Preparation

Produced in rabbits immunized with purified, recombinant Human ACTR3/Actin-related protein 3. ACTR3/Actin-related protein 3 specific IgG was purified by Human ACTR3/Actin-related protein 3 affinity chromatography.

## Formulation

0.2  $\mu$ m filtered solution in PBS

## Storage

This antibody can be stored at 2°C-8°C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20°C to -80°C. Preservative-Free.

Sodium azide is recommended to avoid contamination (final concentration 0.05%-0.1%). It is toxic to cells and should be disposed of properly. Avoid repeated freeze-thaw cycles.

## Clonality

Polyclonal

## Ig Type

Rabbit IgG

## Applications

WB, ELISA, ICC/IF, IF, IP

## Dilutions

WB: 5-20  $\mu$ g/ml

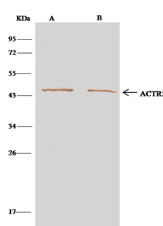
ELISA: 0.1-0.2  $\mu$ g/mL

This antibody can be used at 0.1-0.2  $\mu$ g/mL with the appropriate secondary reagents to detect Human ACTR3/Actin-related protein 3.

ICC/IF: 0.5-3 $\mu$ g/mL

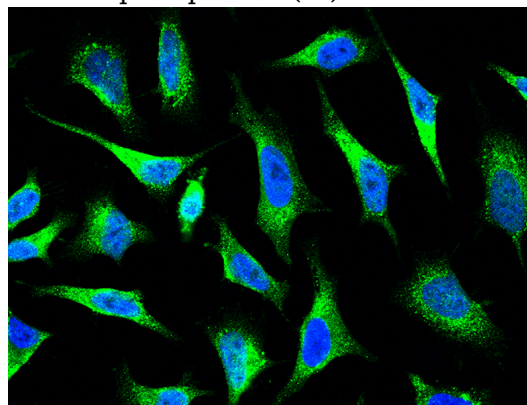
IP: 1-4  $\mu$ l/mg of lysate

## Validations



Items	A	B
Sample (whole cell lysate)	K562	HeLa
Sample quantity	0.5 mg	
IP antibody quantity	4 $\mu$ l	
Protein G agarose	15 $\mu$ l of 50% Protein G Agarose	
Gel	13% SDS-PAGE reducing gel	
Primary antibody	HGSC-ACTR3 antibody at 10 $\mu$ g/ml	
Secondary antibody	Cruz-HRP IP Detection Reagent (HRP) at 1:500 dilution	

Human ACTR3/Actin-related protein 3  
Immunoprecipitation(IP) 15650



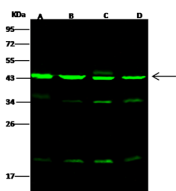
Human ACTR3/Actin-related protein 3  
Immunofluorescence(IF) 15649

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Human ACTR3/Actin-related protein 3 Western blot (WB) 15648



Lanes	A	B	C	D
Items				
Sample (whole cell lysate)	HeLa	Jurkat	A549	K562
Sample Volume (µg/lane)	30	30	30	30
Gel	13% SDS-PAGE reducing gel			
Recommended Concentration	5-20 µg/ml			
Secondary Antibody	Dylight 800 labeled Antibody to Rabbit IgG (1+1), at 1:5000 dilution.			
Developed using Odyssey imaging system.				
Explanation	Predicted band size : 47 kDa			
	Observed band size : 45 kDa Additional bands at : 20 kDa and 35 kDa (We are unsure as to the identity of these extra bands.)			