

**Product Name: Actin Related Protein 3 Rabbit  
Monoclonal Antibody  
Catalog #: AMRe01676**

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## Summary

<b>Production Name</b>	Actin Related Protein 3 Rabbit Monoclonal Antibody
<b>Description</b>	Recombinant Rabbit Monoclonal antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB,IHC-F,IHC-P,ICC/IF
<b>Reactivity</b>	Human,Mouse,Rat

## Performance

<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG
<b>Clonality</b>	Monoclonal Antibody
<b>Form</b>	Liquid
<b>Storage</b>	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
<b>Buffer</b>	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
<b>Purification</b>	Affinity Purified

## Immunogen

<b>Gene Name</b>	ACTR3
<b>Alternative Names</b>	ACTR3; ARP3; Actin-related protein 3; Actin-like protein 3
<b>Gene ID</b>	10096
<b>SwissProt ID</b>	P61158

## Application

<b>Dilution Ratio</b>	WB: 1/500-1/1000 IHC: 1/50-1/100 IF: 1/50-1/200
<b>Molecular Weight</b>	Calculated MW: 47 kDa; Observed MW: 47 kDa

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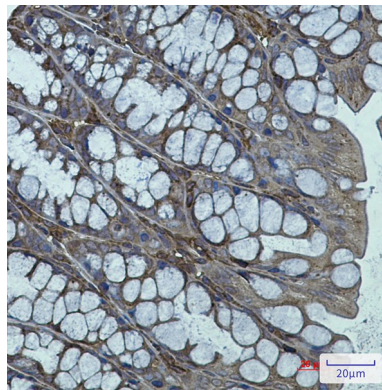
## Background

The Arp2/3 complex involved in Golgi polarization in NIH3T3 cells. In a different model it has been shown that the Arp2/3 complex is necessary for neutrophil chemotaxis and phagocytosis.

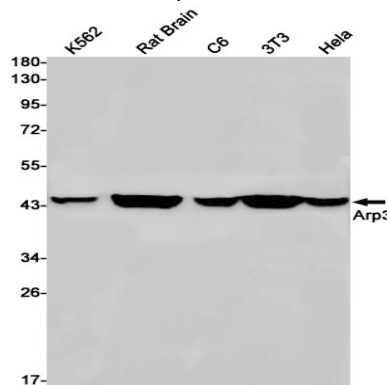
## Research Area

Immunology

## Image Data



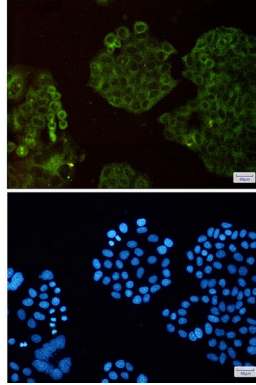
Immunohistochemistry analysis of paraffin-embedded mouse colon using Actin Related Protein 3 antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.



Western blot analysis of Arp3 in K562, rat Brain, C6, 3T3, HeLa lysates using Arp3 antibody.

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Immunocytochemistry analysis of Arp3(green) in HeLa cells using Arp3 antibody, and DAPI(blue)

**Note**

For research use only.