# Arp2 Rabbit mAb

Catalog No: #60027

Package Size: #60027-1 50ul #60027-2 100ul

Signalway Antibody
Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

## Description

| | |
|---|---|
| Product Name | Arp2 Rabbit mAb |
| Host Species | Rabbit |
| Clonality | Monoclonal |
| Isotype | Rabbit IgG |
| Purification | Affinity-chromatography |
| Applications | WB IHC ICC/IF |
| Species Reactivity | Human Mouse Rat |
| Specificity | Arp2 Antibody detects endogenous levels of total Arp2 |
| Immunogen Description | A synthesized peptide derived from human Arp2 |
| Other Names | ACTR2; ARP2; ARP2/3 COMPLEX; |
| Accession No. | Uniprot:P61160 |
| Calculated MW | Predicted band size: 45 kDa |
| SDS-PAGE MW | Observed band size: 40 kDa |
| Formulation | Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. |
| Storage | Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle. |

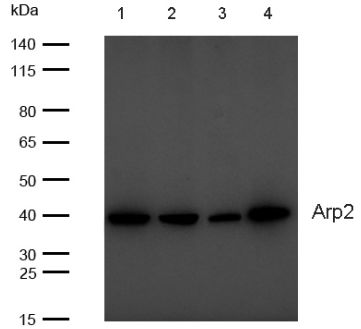
## Application Details

WB: 1:500-1:2000

IHC: 1:50-1:200

ICC/IF: 1:50-1:200

## Images



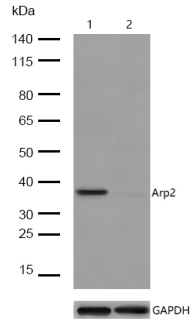

All lanes: Arp2 Rabbit mAb at 1/1k dilution

Lane 1 : Hela whole cell lysates Lane 2 : HUVEC whole cell lysates Lane 3 : MCF-7 whole cell lysates Lane 4 : SH-SY5Y whole cell lysates
Lysates/proteins at 20 µg per lane.

Secondary
All lanes : Goat Anti-Rabbit IgG H&L (HRP) at 1/20000 dilution

Predicted band size: 45 kDa
Observed band size: 40 kDa

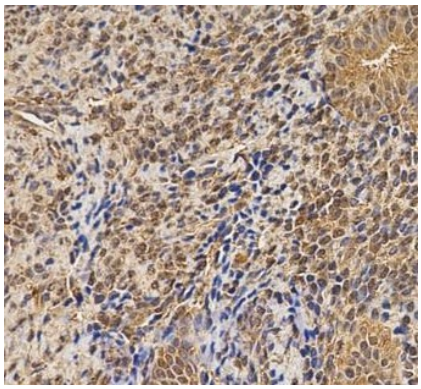
Exposure time: 3 seconds



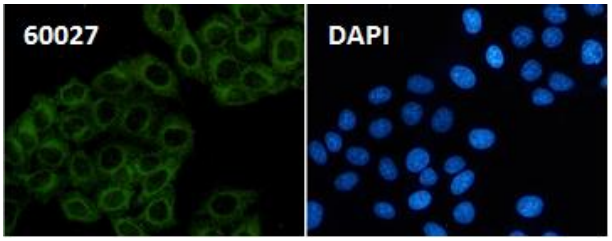

All lanes:Arp2 Rabbit mAb at 1/1k dilution

Lane 1 : Wild-type Hela cell lysate
Lane 2 :Arp2 Rabbit mAb knockdown Hela cell lysate

Lysates/proteins at 20 µg per lane.



Formalin-fixed, paraffin-embedded human uterine tissue stained for Arp2 using 60027 at 1/100 dilution in immunohistochemical analysis.




Immunocytochemistry/ Immunofluorescence Arp2 antibody (60027) ICC/IF staining of Arp2 in Hela cells. Cells were fixed with 4% Paraformaldehyde permeabilized with 0.1% Triton X-100. Samples were incubated with 60027 at a working dilution of 1/100. The secondary antibody was Alexa FluorB 488 goat anti rabbit, used at a dilution of 1/500. Nuclei were counterstained with DAPI.

## Background

Functions as ATP-binding component of the Arp2/3 complex which is involved in regulation of actin polymerization and together with an activating nucleation-promoting factor (NPF) mediates the formation of branched actin networks.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.