

ARPC2 Rabbit mAb

Catalog No: #56974

Package Size: #56974-1 50ul #56974-2 100ul

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

Description

Product Name	ARPC2 Rabbit mAb
Host Species	Recombinant Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Purification	Affinity-chromatography
Applications	WB IHC ICC/IF
Species Reactivity	Human;Mouse;Rat
Specificity	ARPC2 Antibody detects endogenous levels of total ARPC2
Immunogen Description	A synthesized peptide derived from human ARPC2
Conjugates	Unconjugated
Other Names	ARC34; Arpc2; p34Arc; PNAS139; PRO2446;
Accession No.	Uniprot:O15144
Calculated MW	34kDa
SDS-PAGE MW	34kDa
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

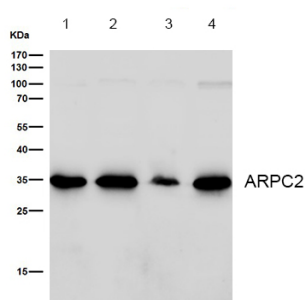
IHC:1:50~1:200

ICC/IF:1:50~1:200

IP:1:50

FC:1:50

Images



All lanes: ARPC2 Rabbit mAb at 1/1k dilution

Lane 1 : HeLa whole cell lysates Lane 2 : JK whole cell lysates
 Lane 3 : HepG2 whole cell lysates Lane 4 : MCF-7 whole cell lysates

Lysates/proteins at 20 µg per lane.

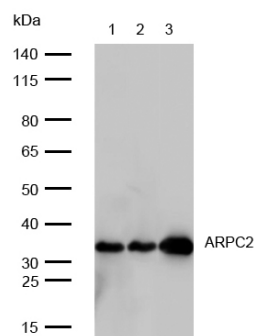
Secondary

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

Predicted band size: 34 kDa

Observed band size: 34 kDa

Exposure time: 4 seconds



All lanes: ARPC2 Rabbit mAb at 1/1k dilution

Lane 1 : Mouse liver lysates Lane 2 : Mouse lung lysates Lane 3 : Rat brain lysates

Lysates/proteins at 20 µg per lane.

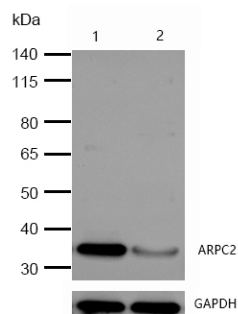
Secondary

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

Predicted band size: 34 kDa

Observed band size: 34 kDa

Exposure time: 7 seconds

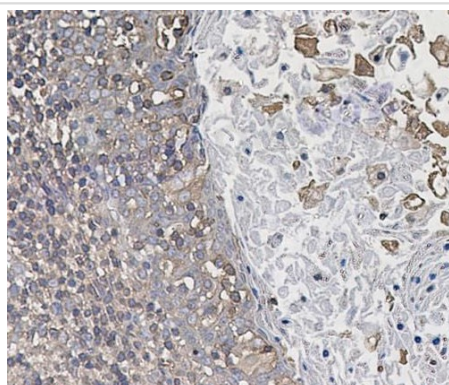


All lanes: ARPC2 Rabbit mAb at 1/1k dilution

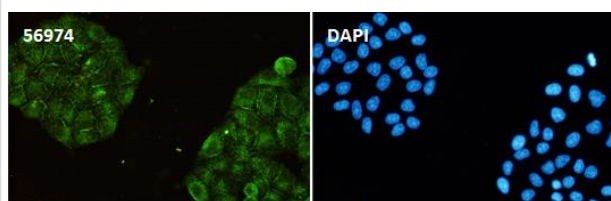
Lane 1 : Wild-type HeLa cell lysate

Lane 2 : ARPC2 knockdown HeLa cell lysate

Lysates/proteins at 20 µg per lane.



Formalin-fixed, paraffin-embedded human tonsil tissue stained for ARPC2 using 56974 at 1/100 dilution in immunohistochemical analysis.



Immunocytochemistry/ Immunofluorescence ARPC2 antibody (56974)

ICC/IF staining of ARPC2 in HeLa cells. Cells were fixed with 4% Paraformaldehyde permeabilized with 0.1% Triton X-100.

Samples were incubated with 56974 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.

Product Description

Functions as actin-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. Seems to contact the mother actin filament.

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