

For Research Use Only

ARPC2 Polyclonal antibody

Catalog Number: 15058-1-AP

Featured Product

8 Publications



Basic Information

Catalog Number:

15058-1-AP

Size:

150ul, Concentration: 350 ug/ml by Nanodrop and 227 ug/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG7041

GenBank Accession Number:

BC000590

GeneID (NCBI):

10109

UNIPROT ID:

O15144

Full Name:

actin related protein 2/3 complex, subunit 2, 34kDa

Calculated MW:

34 kDa

Observed MW:

34 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:1000-1:8000

IP 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate

IHC 1:50-1:500

IF/ICC 1:200-1:800

Applications

Tested Applications:

WB, IHC, IF/ICC, FC (Intra), IP, ELISA

Cited Applications:

WB, IF, IP

Species Specificity:

human, mouse, rat

Cited Species:

human, mouse

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:

WB: HT-1080 cells, HeLa cells, mouse skeletal muscle tissue, PC-3 cells, 3T3-L1 cells, NIH/3T3 cells, MCF-7 cells, Jurkat cells

IP: HeLa cells,

IHC: human breast cancer tissue,

IF/ICC: HeLa cells,

Notable Publications

Author	Pubmed ID	Journal	Application
Nikki R Paul	26370503	J Cell Biol	WB
Kailiang Zhao	32128961	EMBO Rep	IP
Ping Chen	30720048	Int J Oncol	

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

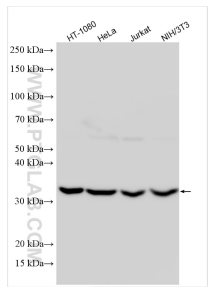
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

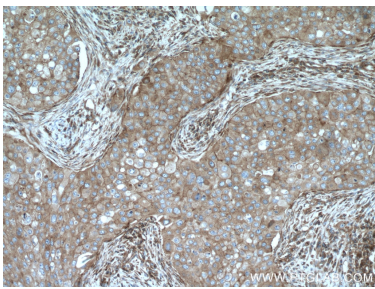
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

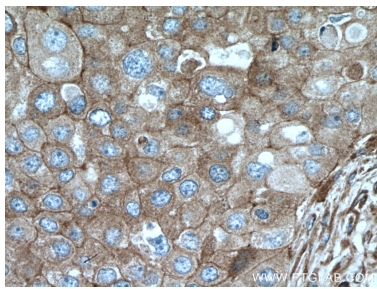
Selected Validation Data



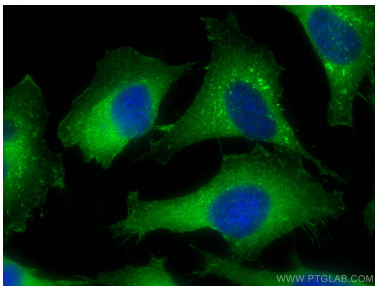
Various lysates were subjected to SDS PAGE followed by western blot with 15058-1-AP (ARPC2 antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours.



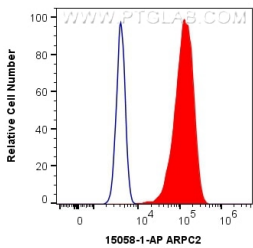
Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 15058-1-AP (ARPC2 antibody) at dilution of 1:200 (under 10x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



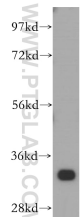
Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 15058-1-AP (ARPC2 antibody) at dilution of 1:200 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



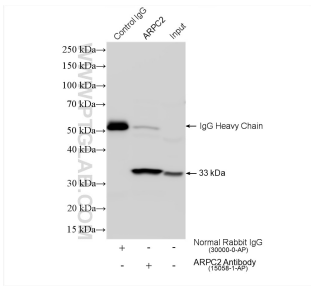
Immunofluorescent analysis of (-20°C Ethanol) fixed HeLa cells using ARPC2 antibody (15058-1-AP) at dilution of 1:400 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L).



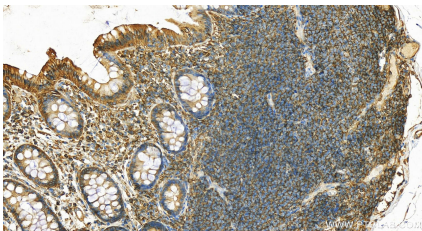
1X10⁶ HeLa cells were intracellularly stained with 0.4 ug Anti-Human ARPC2 (15058-1-AP) and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) at dilution 1:1000 (red), or 0.4 ug Isotype Control. Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).



MCF7 cells were subjected to SDS PAGE followed by western blot with 15058-1-AP (ARPC2 antibody) at dilution of 1:400 incubated at room temperature for 1.5 hours.



IP result of anti-ARPC2 (IP:15058-1-AP, 4ug; Detection:15058-1-AP 1:6000) with HeLa cells lysate 1200 ug.



Immunohistochemical analysis of paraffin-embedded human normal colon slide using 15058-1-AP (ARPC2 antibody) at dilution of 1:800 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).