

For Research Use Only

RABL3 Polyclonal antibody

Catalog Number: 11916-1-AP

Featured Product

2 Publications



Basic Information

Catalog Number:
11916-1-AP

Size:
150ul, Concentration: 133 µg/ml by Bradford method using BSA as the standard;

Source:
Rabbit

Isotype:
IgG

Immunogen Catalog Number:
AG2531

GenBank Accession Number:
BC020832

GeneID (NCBI):
285282

Full Name:
RAB, member of RAS oncogene family-like 3

Calculated MW:
236 aa, 26 kDa

Observed MW:
26 kDa

Purification Method:
Antigen affinity purification

Recommended Dilutions:
WB 1:1000-1:5000
IP 0.5-4.0 ug for IP and 1:200-1:1000 for WB
IHC 1:20-1:200
IF 1:200-1:800

Applications

Tested Applications:
FC, IF, IHC, IP, WB, ELISA

Cited Applications:
WB

Species Specificity:
human, mouse

Cited Species:
human

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: HEK-293 cells, mouse brain tissue, human brain tissue, human lung tissue, HUVEC cells, U-251 cells

IP: mouse lung tissue,

IHC: human breast cancer tissue, human liver cancer tissue, human cervical cancer tissue, human kidney tissue

IF: A549 cells,

Background Information

The gene of Rabl3 is located on 3q13.3 and is composed of eight exons and seven introns. It is a member of the Rab subfamily, the largest group in the Ras superfamily of small guanosine triphosphatases (GTPases).

Notable Publications

Author	Pubmed ID	Journal	Application
Weihua Zhang	27164297	Med Sci Monit	WB
Li Qi Q	20596630	Oncol Rep	WB

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

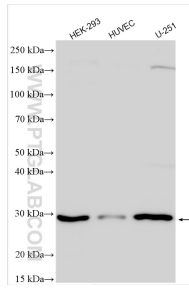
For technical support and original validation data for this product please contact:

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

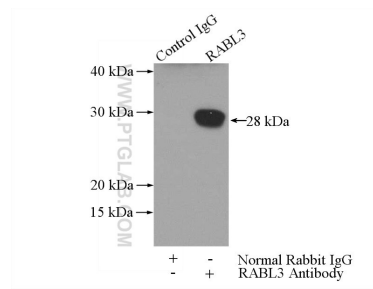
E: proteintech@ptglab.com
W: ptglab.com

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

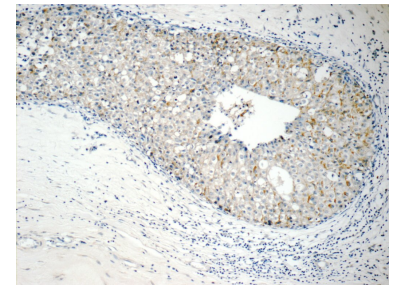
Selected Validation Data



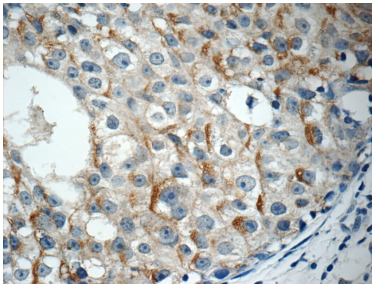
Various lysates were subjected to SDS PAGE followed by western blot with 11916-1-AP (RABL3 antibody) at dilution of 1:2500 incubated at room temperature for 1.5 hours.



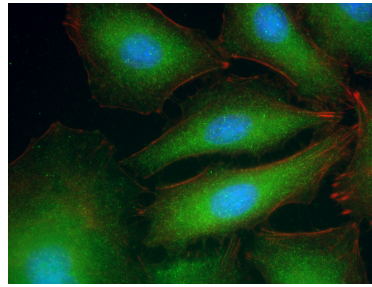
IP Result of anti-RABL3 (IP:11916-1-AP, 3ug; Detection:11916-1-AP 1:300) with mouse lung tissue lysate 4000ug.



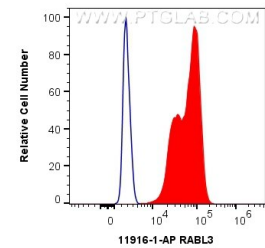
Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 11916-1-AP (RABL3 Antibody) at dilution of 1:50 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 11916-1-AP (RABL3 Antibody) at dilution of 1:50 (under 40x lens).



Immunofluorescent analysis of (-20°C Ethanol) fixed A549 cells using RABL3 antibody (11916-1-AP) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L), CL594-Phalloidin (red).



1x10⁶ HEK-293 cells were intracellularly stained with 0.4 ug Anti-Human RABL3 (11916-1-AP) and CoraLite®488-Conjugated AffiniPure 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).