

IFT27 Polyclonal antibody

Catalog Number: 15017-1-AP

Featured Product

3 Publications

Basic Information

Catalog Number:

15017-1-AP

Size:

750 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG6967

GenBank Accession Number:

BC000566

GeneID (NCBI):

11020

Full Name:

RAB, member of RAS oncogene family-like 4

Calculated MW:

20 kDa

Observed MW:

20 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:1000

IHC 1:20-1:200

IF 1:10-1:100

Applications

Tested Applications:

IF, IHC, WB, ELISA

Cited Applications:

WB

Species Specificity:

human

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 : human RPE cells,

IHC : human brain tissue, human testis tissue

IF : hTERT-RPE1 cells,

Background Information

RABL4, also named as IFT27, is a GTP-binding protein that is a core component of the intraflagellar transport complex B. It plays a role in the cargo loading of the retrograde transport machinery.

Notable Publications

Author	Pubmed ID	Journal	Application
Malavika Raman	26389662	Nat Cell Biol	WB
Zi Gao	36264766	Anal Chem	WB
Tina Beyer	29615496	Mol Cell Proteomics	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

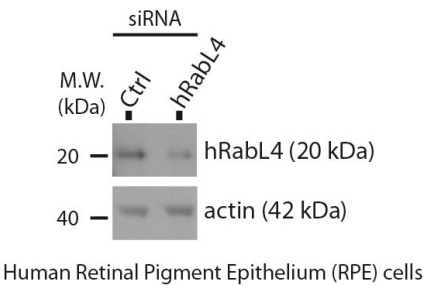
For technical support and original validation data for this product please contact:

T: 4006900926

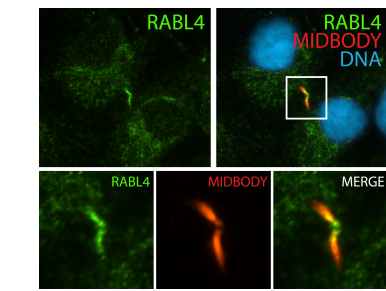
E: Proteintech-CN@ptglab.comW: ptgcn.com

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

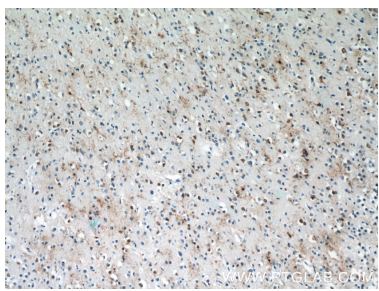
Selected Validation Data



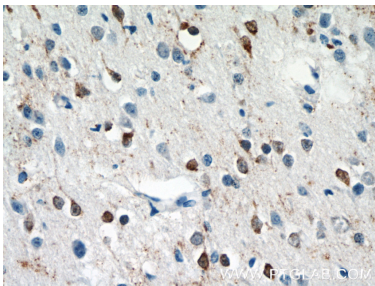
WB result of anti-RABL4 (15017-1-AP) with human RPE cells (siRNA and control) by Dr. Gerald Liew, Maxence Nachury's lab.



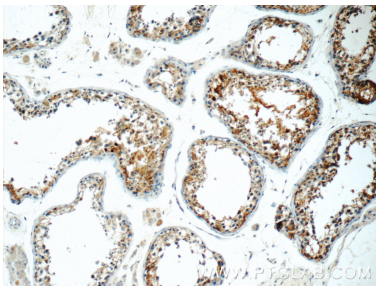
IF result (cytoplasm and the spindle midzone stain) of anti-RABL4 (IFT27, 15017-1-AP, 1:50) with telophase hTERT-RPE1 (MeOH fixed) by Dr. Moshe Kim.



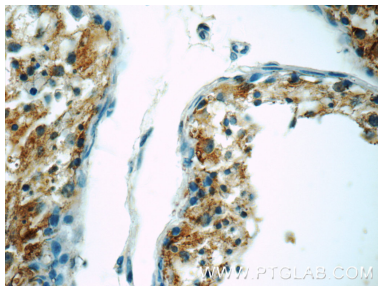
Immunohistochemical analysis of paraffin-embedded human brain tissue slide using 15017-1-AP (IFT27 antibody at dilution of 1:50 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human brain tissue slide using 15017-1-AP (IFT27 antibody at dilution of 1:50 (under 40x lens).



Immunohistochemical analysis of paraffin-embedded human testis tissue slide using 15017-1-AP (IFT27 antibody at dilution of 1:50 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human testis tissue slide using 15017-1-AP (IFT27 antibody at dilution of 1:50 (under 40x lens).