

For Research Use Only

RNF160 Polyclonal antibody

Catalog Number: 28452-1-AP

Featured Product

9 Publications



Basic Information

Catalog Number:

28452-1-AP

Size:

150ul, Concentration: 500 ug/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG29467

GenBank Accession Number:

BC140790

GeneID (NCBI):

26046

UNIPROT ID:

O94822

Full Name:

ring finger protein 160

Observed MW:

180-200 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:2000-1:10000

IHC 1:50-1:500

IF/ICC 1:50-1:500

Applications

Tested Applications:

WB, IHC, IF/ICC, ELISA

Cited Applications:

WB

Species Specificity:

human, mouse, rat

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: BxPC-3 cells, HepG2 cells, HeLa cells, mouse pancreas tissue, rat pancreas tissue

IHC: mouse colon tissue,

IF/ICC: U2OS cells,

Background Information

The E3 ubiquitin ligase, Ltn1 (also named RNF160), is a key regulator of RQC that targets substrates for ubiquitination (PMID: 35981909).

Notable Publications

Author	Pubmed ID	Journal	Application
Suman Rimal	34663454	Acta Neuropathol Commun	WB
Jiangnan Liu	39842454	Autophagy	WB
Amanda Ennis	39253483	bioRxiv	WB

Storage

Storage:

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

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol

Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

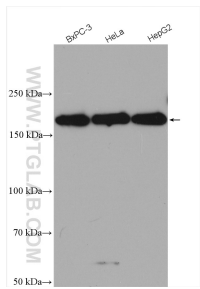
For technical support and original validation data for this product please contact:

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

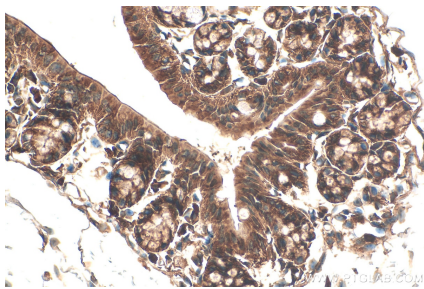
E: proteintech@ptglab.com
W: ptglab.com

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

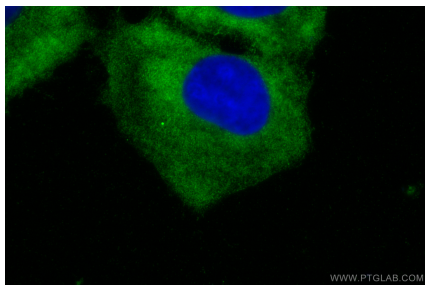
Selected Validation Data



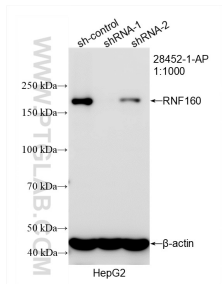
Various lysates were subjected to SDS PAGE followed by western blot with 28452-1-AP (RNF160 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



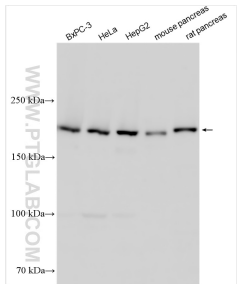
Immunohistochemical analysis of paraffin-embedded mouse colon tissue slide using 28452-1-AP (RNF160 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (-20°C Methanol) fixed U2OS cells using RNF160 antibody (28452-1-AP) at dilution of 1:200 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



WB result of RNF160 antibody (28452-1-AP; 1:1000; incubated at room temperature for 1.5 hours) with sh-Control and sh-RNF160 transfected HepG2 cells.



Various lysates were subjected to SDS PAGE followed by western blot with 28452-1-AP (RNF160 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.