

For Research Use Only

# RNF160 Polyclonal antibody

Catalog Number: 28452-1-AP **4 Publications**



## Basic Information

<b>Catalog Number:</b> 28452-1-AP	<b>GenBank Accession Number:</b> BC140790	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 700 µg/ml by Nanodrop and 367 µg/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 26046	<b>Recommended Dilutions:</b> WB 1:2000-1:10000 IHC 1:50-1:500 IF 1:50-1:500
<b>Source:</b> Rabbit	<b>Full Name:</b> ring finger protein 160	
<b>Isotype:</b> IgG	<b>Observed MW:</b> 180-200 kDa	
<b>Immunogen Catalog Number:</b> AG29467		

## Applications

<b>Tested Applications:</b> IF, IHC, WB, ELISA	<b>Positive Controls:</b> WB : BxPC-3 cells, HeLa cells, HepG2 cells, mouse pancreas tissue, rat pancreas tissue IHC : mouse colon tissue, IF : U2OS cells,
<b>Cited Applications:</b> WB	
<b>Species Specificity:</b> Human, rat, mouse	
<b>Cited Species:</b> human	
<b>Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0</b>	

## 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
Xia Li	37873109	bioRxiv	WB
Yi-Ju Tseng	37333274	bioRxiv	WB

## Storage

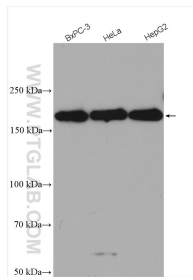
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

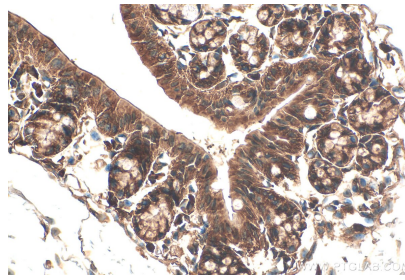
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: proteintech@ptglab.com  
W: ptglab.com

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

## Selected Validation Data

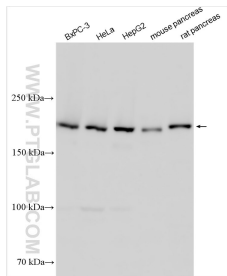


Various lysates were subjected to SDS PAGE followed by western blot with 28452-1-AP (RNF160 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



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).



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.