

For Research Use Only

RNF160 Recombinant antibody

Catalog Number:82926-1-RR



Basic Information

Catalog Number: 82926-1-RR	GenBank Accession Number: BC140790	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 26046	CloneNo.: 230075H2
Source: Rabbit	UNIPROT ID: O94822	Recommended Dilutions: WB 1:2000-1:10000 IHC 1:50-1:500
Isotype: IgG	Full Name: ring finger protein 160	
Immunogen Catalog Number: AG29467	Observed MW: 180-200 kDa	

Applications

Tested Applications:
WB, IHC, FC (Intra), ELISA

Species Specificity:
human, mouse, rat

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 : HeLa cells, HepG2 cells, BxPC-3 cells, U2OS cells, mouse colon tissue, mouse pancreas tissue, rat pancreas tissue

IHC : mouse colon tissue,

Background Information

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

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

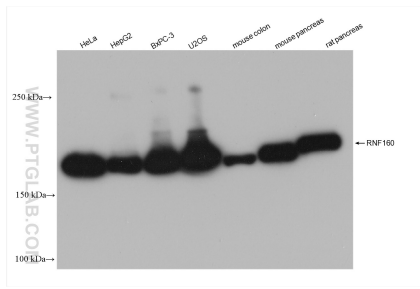
For technical support and original validation data for this product please contact:

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

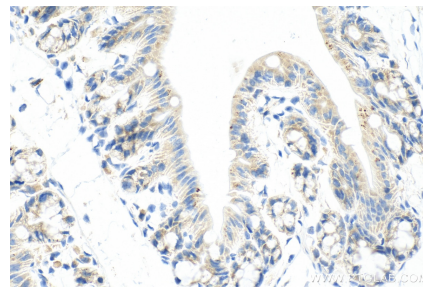
E: proteintech@ptglab.com
W: ptglab.com

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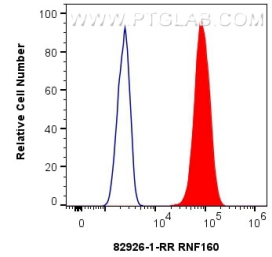
Selected Validation Data



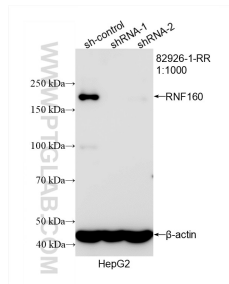
Various lysates were subjected to SDS PAGE followed by western blot with 82926-1-RR (RNF160 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



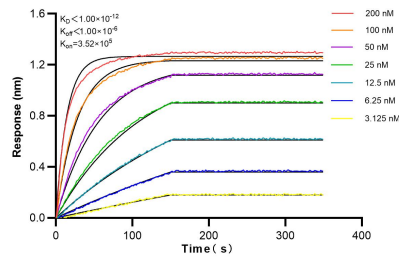
Immunohistochemical analysis of paraffin-embedded mouse colon tissue slide using 82926-1-RR (RNF160 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



1×10^6 U2OS cells were intracellularly stained with 0.25 μ g RNF160 Recombinant antibody (82926-1-RR, Clone:230075H2) and Coralite@488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2) (red), or 0.25 μ g Isotype Control (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).



WB result of RNF160 antibody (82926-1-RR; 1:1000; incubated at room temperature for 1.5 hours) with sh-Control and sh-RNF160 transfected HepG2 cells.



Biolayer interferometry (BLI) kinetic assays of 82926-1-RR against Human ADAMDEC1 were performed. The affinity constant is below 1 pM.