

For Research Use Only

# RNF160 Recombinant antibody

Catalog Number: 82926-1-RR

Featured Product



## Basic Information

Catalog Number:

82926-1-RR

Size:

100ul, Concentration: 1000 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:

Protein A purification

CloneNo.:

230075H2

Recommended Dilutions:

WB 1:2000-1:10000

IHC 1:50-1:500

## 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

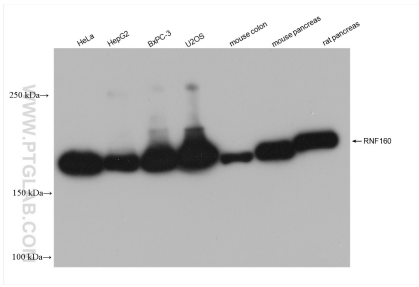
For technical support and original validation data for this product please contact:

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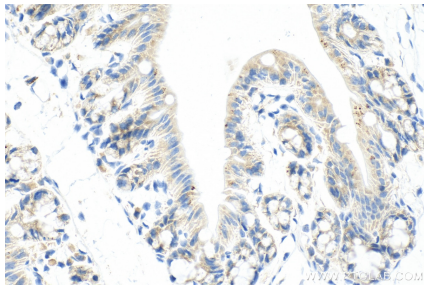
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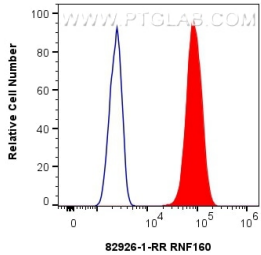
Selected Validation Data



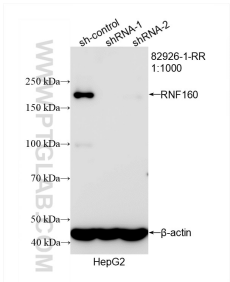
Various lysates were subjected to SDS PAGE followed by western blot with 82926-1-RR (RNF160 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



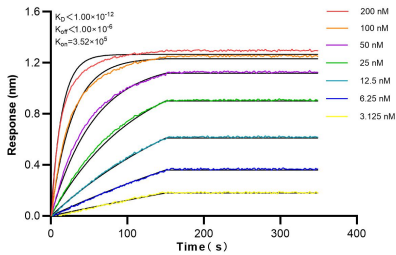
Immunohistochemical analysis of paraffin-embedded mouse colon tissue slide using 82926-1-RR (RNF160 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



1x10<sup>6</sup> U2OS cells were intracellularly stained with 0.25 ug RNF160 Recombinant antibody (82926-1-RR, Clone:230075H2) and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) (SA00013-2)(red), or 0.25 ug 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.