

For Research Use Only

# GANAB Recombinant antibody

Catalog Number: 83324-1-RR

Featured Product



## Basic Information

<b>Catalog Number:</b> 83324-1-RR	<b>GenBank Accession Number:</b> BC017435	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 1000 ug/ml	<b>GeneID (NCBI):</b> 23193	<b>CloneNo.:</b> 240279B7
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q14697	<b>Recommended Dilutions:</b> WB 1:5000-1:50000 IHC 1:50-1:500 IF/ICC 1:50-1:500
<b>Isotype:</b> IgG	<b>Full Name:</b> glucosidase, alpha; neutral AB	
<b>Immunogen Catalog Number:</b> AG30417	<b>Calculated MW:</b> 944aa, 107 kDa; 488aa, 55 kDa	
	<b>Observed MW:</b> 110 kDa	

## Applications

**Tested Applications:**  
WB, IHC, IF/ICC, 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, A431 cells, HepG2 cells, mouse kidney tissue, mouse liver tissue, rat liver tissue, human placenta tissue

**IHC :** mouse liver tissue,

**IF/ICC :** HeLa cells,

## Background Information

### 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:

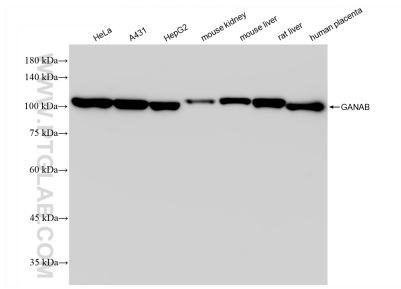
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

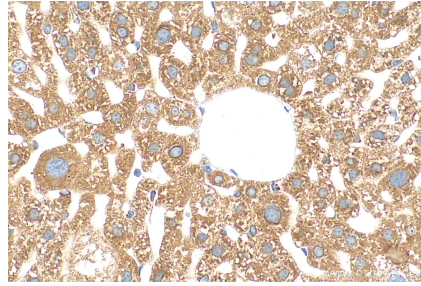
W: [ptgcn.com](http://ptgcn.com)

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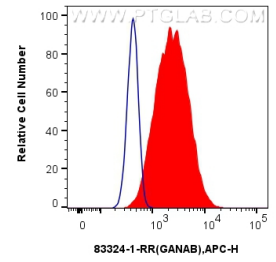
## Selected Validation Data



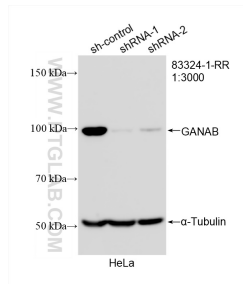
Various lysates were subjected to SDS PAGE followed by western blot with 83324-1-RR (GANAB antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



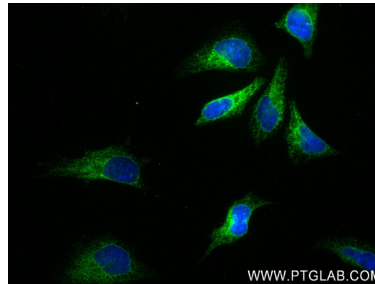
Immunohistochemical analysis of paraffin-embedded mouse liver tissue slide using 83324-1-RR (GANAB antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



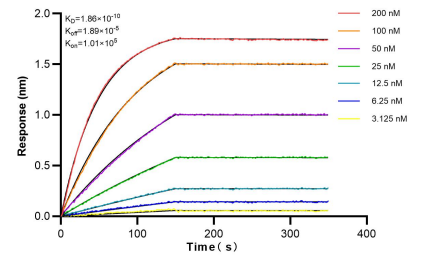
$1 \times 10^6$  HeLa cells were intracellularly stained with 0.25 ug GANAB Recombinant antibody (83324-1-RR, Clone: 240279B7) (red) or Isotype Control (blue) and APC-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).



WB result of GANAB antibody (83324-1-RR; 1:3000; incubated at room temperature for 1.5 hours) with sh-Control and sh-GANAB transfected HeLa cells.



Immunofluorescent analysis of (-20°C Ethanol) fixed HeLa cells using GANAB antibody (83324-1-RR, Clone: 240279B7) at dilution of 1:200 and CoraLite@488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) (SA00013-2).



Biolayer interferometry (BLI) kinetic assays of 83324-1-RR against Human GANAB were performed. The affinity constant is 0.186 nM.