

For Research Use Only

GANAB Recombinant antibody

Catalog Number: 83324-1-RR

Featured Product



Basic Information

Catalog Number: 83324-1-RR	GenBank Accession Number: BC017435	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 ug/ml by Nanodrop;	GeneID (NCBI): 23193	CloneNo.: 240279B7
Source: Rabbit	UNIPROT ID: Q14697	Recommended Dilutions: WB 1:5000-1:50000 IHC 1:50-1:500 IF/ICC 1:50-1:500
Isotype: IgG	Full Name: glucosidase, alpha; neutral AB	
Immunogen Catalog Number: AG30417	Calculated MW: 944aa,107 kDa; 488aa,55 kDa	
	Observed MW: 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,

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

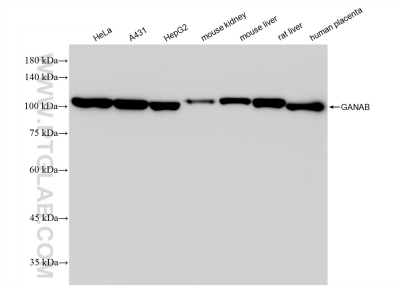
For technical support and original validation data for this product please contact:

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

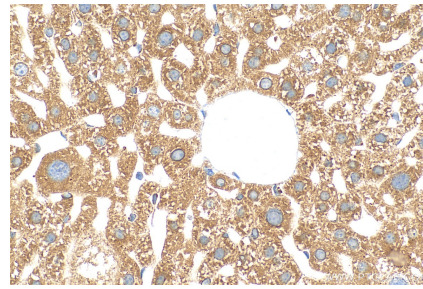
E: proteintech@ptglab.com
W: ptglab.com

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

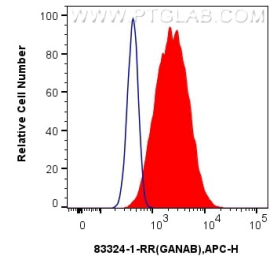
Selected Validation Data



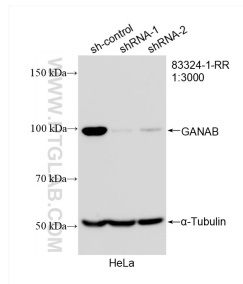
Various lysates were subjected to SDS PAGE followed by western blot with 83324-1-RR (GANAB antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



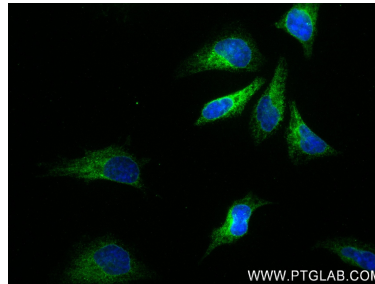
Immunohistochemical analysis of paraffin-embedded mouse liver tissue slide using 83324-1-RR (GANAB antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



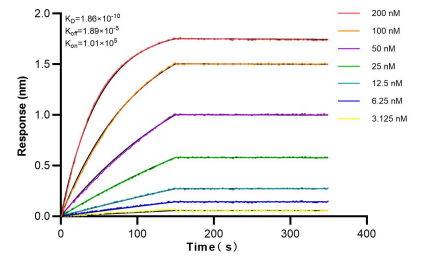
1×10^6 HeLa cells were intracellularly stained with 0.25 μ g GANAB Recombinant antibody (83324-1-RR, Clone:240279B7)(red) or Isotype Control (blue) and APC-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).



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.