

For Research Use Only

HEBP1 Recombinant antibody

Catalog Number: 82950-1-RR

Featured Product



Basic Information

Catalog Number:

82950-1-RR

Size:

1000 ug/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG10538

GenBank Accession Number:

BC016277

GeneID (NCBI):

50865

UNIPROT ID:

Q9NRV9

Full Name:

heme binding protein 1

Calculated MW:

189 aa, 21 kDa

Observed MW:

21 kDa

Purification Method:

Protein A purification

CloneNo.:

230156B6

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, A549 cells, L02 cells, HepG2 cells, rat liver tissue. mouse liver tissue

IHC : mouse liver tissue,

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:

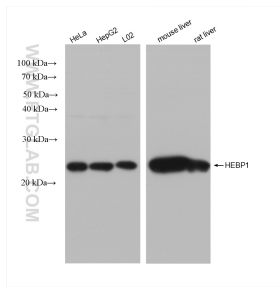
T: 4006900926

E: Proteintech-CN@ptglab.com

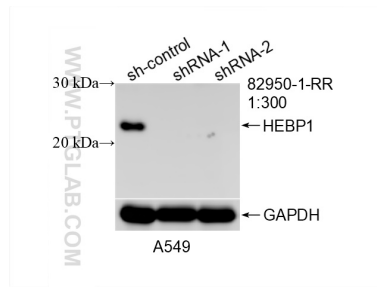
W: ptgcn.com

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

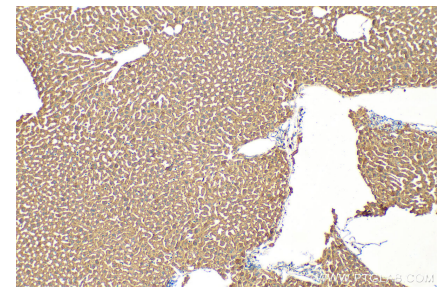
Selected Validation Data



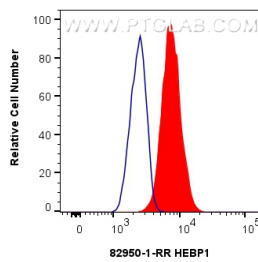
Various lysates were subjected to SDS PAGE followed by western blot with 82950-1-RR (HEBP1 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



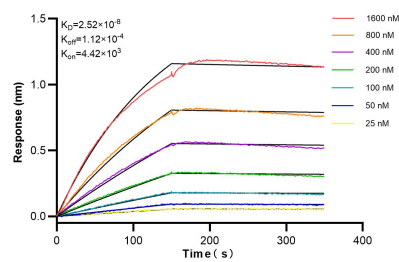
WB result of HEBP1 antibody (82950-1-RR; 1:300; incubated at room temperature for 1.5 hours) with sh-Control and sh-HEBP1 transfected A549 cells.



Immunohistochemical analysis of paraffin-embedded mouse liver tissue slide using 82950-1-RR (HEBP1 antibody) at dilution of 1:200 (under 10x 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 HEBP1 Recombinant antibody (82950-1-RR, Clone:230156B6) and CoraLite[®]488-Conjugated AffiniPure 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).



Biolayer interferometry (BLI) kinetic assays of 82950-1-RR against Human HEBP1 were performed. The affinity constant is 25.2 nM.