

For Research Use Only

HNF1B Polyclonal antibody, PBS Only

Catalog Number:12533-1-PBS

Featured Product



Basic Information

Catalog Number:

12533-1-PBS

Size:

100ug, Concentration: 1 mg/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG3232

GenBank Accession Number:

BC017714

GeneID (NCBI):

6928

UNIPROT ID:

P35680

Full Name:

HNF1 homeobox B

Calculated MW:

557 aa, 61 kDa

Observed MW:

58-60 kDa

Purification Method:

Antigen affinity purification

Applications

Tested Applications:

WB, IHC, IF/ICC, Indirect ELISA

Species Specificity:

human, mouse, rat, canine

Background Information

Hepatocyte nuclear factor-1-beta(HNF1B), or transcription factor-2(TCF2), is a member of the homeodomain-containing superfamily of transcription factors. Early expression of HNF1B(12533-1-AP) is seen in the kidney, liver, pancreas, thymus, lung, gut and genital tract. HNF1B can be a homodimer or a heterodimer with HNF1A. It's a transcription factor, probably by binding to the inverted palindrome 5'-GTTAATNATTAAC-3', and as a bookmarking factor that marks target genes for rapid transcriptional reactivation after mitosis. This is a rabbit polyclonal antibody raised against part chain of N-terminus of human HNF1B. HNF1B exists some isoforms with MV 61 kDa, 58 kDa, 46 kDa and 44 kDa.

Storage

Storage:

Store at -80°C.

Storage Buffer:

PBS Only

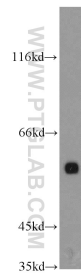
For technical support and original validation data for this product please contact:

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

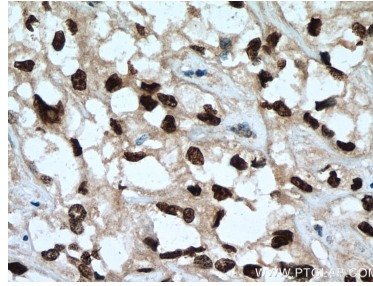
E: proteintech@ptglab.com
W: ptglab.com

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

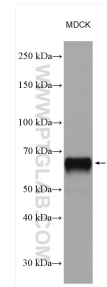
Selected Validation Data



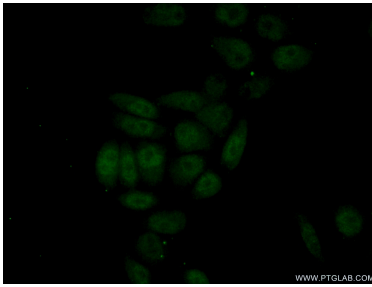
L02 cells were subjected to SDS PAGE followed by western blot with 12533-1-AP (HNF 1B antibody) at dilution of 1:800 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 12533-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human renal cell carcinoma tissue slide using 12533-1-AP (HNF 1B antibody) at dilution of 1:400 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 12533-1-PBS in a different storage buffer formulation.



MDCK cells were subjected to SDS PAGE followed by western blot with 12533-1-AP (HNF 1B antibody) at dilution of 1:800 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 12533-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed L02 cells using 12533-1-AP (HNF 1B antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L). This data was developed using the same antibody clone with 12533-1-PBS in a different storage buffer formulation.