

For Research Use Only

# HNF1B Recombinant antibody, PBS Only

Catalog Number: 84684-4-PBS



## Basic Information

<b>Catalog Number:</b> 84684-4-PBS	<b>GenBank Accession Number:</b> BC017714	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 1 mg/ml	<b>GeneID (NCBI):</b> 6928	<b>CloneNo.:</b> 242120A9
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> P35680	
<b>Isotype:</b> IgG	<b>Full Name:</b> HNF1 homeobox B	
<b>Immunogen Catalog Number:</b> AG3232	<b>Calculated MW:</b> 557 aa, 61 kDa	
	<b>Observed MW:</b> 58-65 kDa	

## Applications

**Tested Applications:**  
WB, Indirect ELISA

**Species Specificity:**  
human, 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.

## Storage

**Storage:**  
Store at -80°C.  
**The product is shipped with ice packs. Upon receipt, store it immediately at -80°C**

**Storage Buffer:**  
PBS Only

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

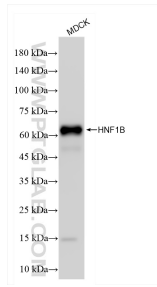
T: 4006900926

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

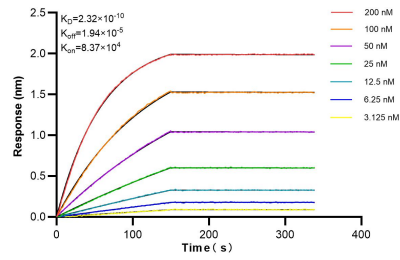
W: [ptgcn.com](http://ptgcn.com)

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## Selected Validation Data



MDCK cells were subjected to SDS PAGE followed by western blot with 84684-4-RR (HNF1B antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 84684-4-PBS in a different storage buffer formulation.



Biolayer interferometry (BLI) kinetic assays of 84684-4-RR against Human HNF1B were performed. The affinity constant is 0.232 nM.