

For Research Use Only

HNF1B Recombinant antibody, PBS Only

Catalog Number: 84684-4-PBS



Basic Information

Catalog Number: 84684-4-PBS	GenBank Accession Number: BC017714	Purification Method: Protein A purification
Size: 100ug, Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 6928	CloneNo.: 242120A9
Source: Rabbit	UNIPROT ID: P35680	
Isotype: IgG	Full Name: HNF1 homeobox B	
Immunogen Catalog Number: AG3232	Calculated MW: 557 aa, 61 kDa	
	Observed MW: 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.

Storage Buffer:
PBS Only

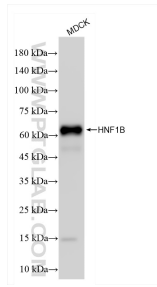
For technical support and original validation data for this product please contact:

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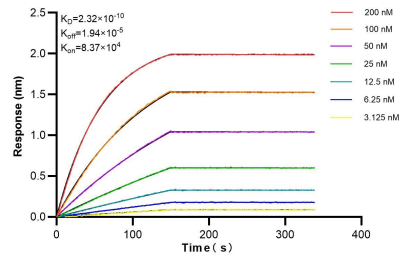
E: proteintech@ptglab.com
W: ptglab.com

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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.