

For Research Use Only

HNF1B Recombinant antibody

Catalog Number: 84684-4-RR



Basic Information

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|--|--|---|
| Catalog Number: 84684-4-RR | GenBank Accession Number: BC017714 | Purification Method: Protein A purification |
| Size: 1000 ug/ml | GeneID (NCBI): 6928 | CloneNo.: 242120A9 |
| Source: Rabbit | UNIPROT ID: P35680 | Recommended Dilutions: WB 1:1000-1:4000 |
| Isotype: IgG | Full Name: HNF1 homeobox B | |
| Immunogen Catalog Number: AG3232 | Calculated MW: 557 aa, 61 kDa | |
| | Observed MW: 58-65 kDa | |

Applications

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| Tested Applications: WB, ELISA | Positive Controls: WB : MDCK cells, |
| 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 -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:

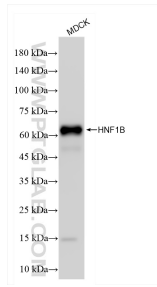
T: 4006900926

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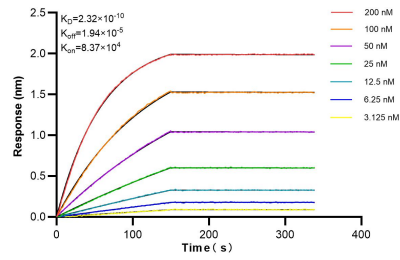
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Selected Validation Data



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.



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