

# **Product datasheet for TA330246**

### HNF1 beta (HNF1B) Rabbit Polyclonal Antibody

**Product data:** 

**Product Type: Primary Antibodies** 

**Applications:** 

Recommended Dilution: WB

Reactivity: Human, Rat

Host: Rabbit

Isotype: lgG

Clonality: Polyclonal

Immunogen: The immunogen for anti-HNF1B antibody: synthetic peptide directed towards the N terminal

> of human HNF1B. Synthetic peptide located within the following region: LETLPLSPGSGAEPDTKPVFHTLTNGHAKGRLSGDEGSEDGDDYDTPPIL

Formulation: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2%

sucrose.

Note that this product is shipped as lyophilized powder to China customers.

Conjugation: Unconjugated

Storage: Store at -20°C as received.

Stability: Stable for 12 months from date of receipt.

**Predicted Protein Size:** 45 kDa

HNF1 homeobox B Gene Name:

Database Link: NP 000449

Entrez Gene 25640 RatEntrez Gene 6928 Human

P35680

Hepatocyte Nuclear Factor 1-. (HNF-1., Homeoprotein LFB3, Transcription factor 2, TCF2, Background:

> Variant hepatic nuclear factor ) is a liver-specific factor of the homeobox-containing basic helix-turn-helix family. The TCF2 protein is believed to form heterodimers with another liverspecific member of this transcription factor family, TCF1; depending on the TCF2 isoform, the result may be to activate or inhibit transcription of target genes. Mutation of TCF2 that disrupts normal function has been identified as the cause of MODY5 (Maturity-Onset of Diabetes, Type 5). A third human transcript variant is believed to exist based on such a variant

in the rat: however, to date such an mRNA species has not been isolated.



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#### HNF1 beta (HNF1B) Rabbit Polyclonal Antibody - TA330246

Synonyms: FJHN; HNF-1-beta; HNF-1B; HNF1beta; HNF2; HPC11; LF-B3; LFB3; MODY5; TCF-2; TCF2; VHNF1

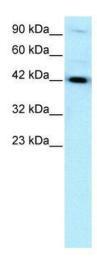
**Note:** Immunogen sequence homology: Dog: 100%; Pig: 100%; Rat: 100%; Horse: 100%; Human:

100%; Mouse: 100%; Bovine: 100%; Zebrafish: 100%; Guinea pig: 100%

**Protein Families:** Druggable Genome, Embryonic stem cells, ES Cell Differentiation/IPS, Transcription Factors

**Protein Pathways:** Maturity onset diabetes of the young

## **Product images:**



WB Suggested Anti-HNF1B Antibody Titration: 0.2-1 ug/ml; ELISA Titer: 1:312500; Positive Control: Jurkat cell lysate