

## HNF1B Antibody (R31391)

Catalog No.	Formulation	Size
R31391	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

**Bulk quote request**

<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human, Mouse, Rat
<b>Format</b>	Antigen affinity purified
<b>Clonality</b>	Polyclonal (rabbit origin)
<b>Isotype</b>	Rabbit IgG
<b>Purity</b>	Antigen affinity
<b>Buffer</b>	Lyophilized from 1X PBS with 2.5% BSA and 0.025% sodium azide/thimerosal
<b>UniProt</b>	P35680
<b>Applications</b>	Western Blot : 0.5-1ug/ml
<b>Limitations</b>	This HNF1B antibody is available for research use only.



Western blot testing of HNF1B antibody and mouse liver lysate. Predicted molecular weight ~61 kDa.

## Description

Hepatocyte nuclear factor 1 homeobox B, also known as Transcription factor 2 (TCF2), is a human gene. It is a member of the homeodomain-containing superfamily of transcription factors. The HNF1B protein is believed to form heterodimers with another liver-specific member of this transcription factor family, TCF1. It functions as both a classic transcriptional activator and as a bookmarking factor that marks target genes for rapid transcriptional reactivation after mitosis. HNF1B also can regulate renal tubulogenesis by controlling expression of SOC3. A mutation of the protein that disrupts normal function has been identified as the cause of MODY5 (Maturity-Onset of Diabetes, Type 5).

## Application Notes

The stated application concentrations are suggested starting amounts. Titration of the HNF1B antibody may be required due to differences in protocols and secondary/substrate sensitivity.

## Immunogen

An amino acid sequence from the C-terminus of human Hepatocyte nuclear factor 1 homeobox B (HMAQQPFMAAVTQLQN) was used as the immunogen for this HNF1B antibody (100% homologous in human, mouse and rat).

## Storage

After reconstitution, the HNF1B antibody can be stored for up to one month at 4°C. For long-term, aliquot and store at -20°C. Avoid repeated freezing and thawing.