

## HNF1B Antibody (F41209)

Catalog No.	Formulation	Size
F41209-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F41209-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

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<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human
<b>Predicted Reactivity</b>	Mouse, Rat
<b>Format</b>	Antigen affinity purified
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal (rabbit origin)
<b>Isotype</b>	Rabbit Ig
<b>Purity</b>	Antigen affinity
<b>UniProt</b>	P35680
<b>Applications</b>	Western Blot : 1:1000
<b>Limitations</b>	This HNF1B antibody is available for research use only.

130  
95  
72  
55  
36  
28

HNF1B antibody western blot analysis in MDA-MB231 lysate. Predicted molecular weight ~ 61 kDa.

## Description

This gene encodes a member of the homeodomain-containing superfamily of transcription factors. The protein binds to DNA as either a homodimer, or a heterodimer with the related protein hepatocyte nuclear factor 1-alpha. The gene has been shown to function in nephron development, and regulates development of the embryonic pancreas. Mutations in this gene result in renal cysts and diabetes syndrome and noninsulin-dependent diabetes mellitus, and expression of this gene is altered in some types of cancer. Multiple transcript variants encoding different isoforms have been found for this

gene.

## **Application Notes**

Titration of the HNF1B antibody may be required due to differences in protocols and secondary/substrate sensitivity.

## **Immunogen**

A portion of amino acids 498-529 from the human protein was used as the immunogen for this HNF1B antibody.

## **Storage**

Aliquot the HNF1B antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.