

# HNF-1 $\beta$ rabbit pAb

Cat No.:ES3813

For research use only

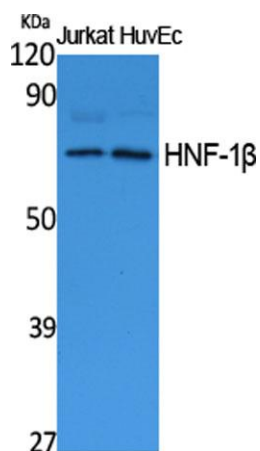
## Overview

Product Name	HNF-1 $\beta$ rabbit pAb
Host species	Rabbit
Applications	WB;ELISA
Species Cross-Reactivity	Human;Mouse;Rat
Recommended dilutions	Western Blot: 1/500 - 1/2000. ELISA: 1/10000. Not yet tested in other applications.
Immunogen	Synthesized peptide derived from the N-terminal region of human HNF-1 $\beta$ .
Specificity	HNF-1 $\beta$ Polyclonal Antibody detects endogenous levels of HNF-1 $\beta$ protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	Hepatocyte nuclear factor 1-beta
Gene Name	HNF1B
Cellular localization	Nucleus.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	60kD
Human Gene ID	6928/6928
Human Swiss-Prot Number	P35680
Alternative Names	HNF1B; TCF2; Hepatocyte nuclear factor 1-beta; HNF-1-beta; HNF-1B; Homeoprotein LFB3; Transcription factor 2; TCF-2; Variant hepatic nuclear factor 1; vHNF1
Background	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.[provided by RefSeq, Sep 2009],



Western Blot analysis of extracts from Jurkat cells, using HNF-1β Polyclonal Antibody. Secondary antibody(catalog#:RS0002) was diluted at 1:20000

