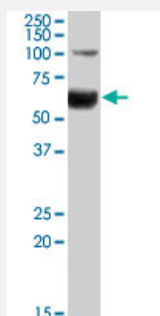


HNF1B polyclonal antibody

Catalog # PAB7189

Size 100 ug

Applications



Western Blot (Tissue lysate)

HNF1B polyclonal antibody (Cat # PAB7189) (0.1 ug/mL) staining of human liver lysate (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

Specification

Product Description	Goat polyclonal antibody raised against synthetic peptide of HNF1B.
Immunogen	A synthetic peptide corresponding to internal region of human HNF1B.
Sequence	C-QAYDRQKNPSKEER
Host	Goat
Theoretical MW (kDa)	61.3
Reactivity	Human
Specificity	This antibody is expected to recognize both reported isoforms (NP_000449.1; NP_001159395.1).
Form	Liquid
Purification	Antigen affinity purification
Concentration	0.5 mg/mL
Recommend Usage	ELISA (1:64000) Western Blot (0.1-0.3 ug/mL) The optimal working dilution should be determined by the end user.

Storage Buffer	In Tris saline, pH 7.3 (0.5% BSA, 0.02% sodium azide)
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Tissue lysate)

HNF1B polyclonal antibody (Cat # PAB7189) (0.1 ug/mL) staining of human liver lysate (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

- Immunocytochemistry

- Enzyme-linked Immunoabsorbent Assay

Gene Info — HNF1B

Entrez GeneID	6928
Protein Accession#	NP_000449.1;NP_006472.1
Gene Name	HNF1B
Gene Alias	FJHN, HNF1beta, HNF2, HPC11, LF-B3, LFB3, MODY5, TCF2, VHNF1
Gene Description	HNF1 homeobox B
Omim ID	125853 137920 189907
Gene Ontology	Hyperlink
Gene Summary	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.
Other Designations	transcription factor 2 transcription factor 2, hepatic transcription factor 2, hepatic; LF-B3; variant hepatocyte nuclear factor

Publication Reference

- [Combination of ursodeoxycholic acid and glucocorticoids upregulates the AE2 alternate promoter in human liver cells.](#)

Arenas F, Hervias I, Uriz M, Joplin R, Prieto J, Medina JF.

The Journal of Clinical Investigation 2008 Feb; 118(2):695.

Application: WB-Ce, WB-Ti, Human, Human liver, PLC/PRF/5 cells

Pathway

- [Maturity onset diabetes of the young](#)

Disease

- [Birth Weight](#)
- [Carcinoma](#)
- [Cardiovascular Diseases](#)
- [Diabetes](#)
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- [Diabetic Nephropathies](#)
- [Diabetic Neuropathies](#)
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