

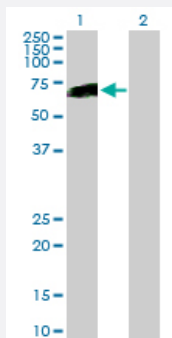
MaxPab®

HNF1B purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00006928-B01P

Size 50 ug

Applications



Western Blot (Transfected lysate)

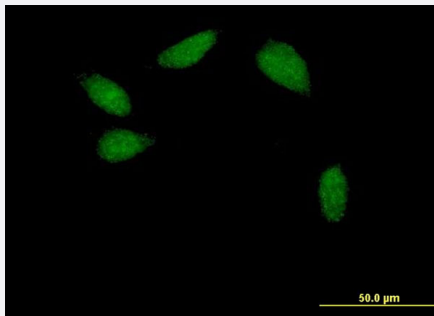
Western Blot analysis of HNF1B expression in transfected 293T cell line ([H00006928-T01](#)) by HNF1B MaxPab polyclonal antibody.

Lane 1: TCF2 transfected lysate (61.27 kDa).

Lane 2: Non-transfected lysate.

Immunofluorescence

Immunofluorescence of purified MaxPab antibody to TCF2 on HeLa cell. [antibody concentration 10 ug/ml]



Specification

Product Description

Mouse polyclonal antibody raised against a full-length human HNF1B protein.

Immunogen

HNF1B (NP_000449.1, 1 a.a. ~ 557 a.a) full-length human protein.

Sequence	MVSKLTSLQQELLSALLSSGVTKEVLVQALEELLPSPNFGVKLETLPSPGSGAEPDTKPVFHTL TNGHAKGRLSGDEGSEDGDDYDTPPILKELQALNTEEAEEQRAEVDRLSEDPWRAAKMIKGY MQQHNPQREVVDVTGLNQSHLSQHNLKGTMPKTKRAALYTWYVRKQREILRQFNQTVQSSGN MTDKSSQDQLLFLFPEFSQQSHGPGQSDDACSEPTNKKMRRNRFKWGPASQQILYQAYDRQKN PSKEEREALVEECNRAECLQRGVSPSKAHGLGSLNVTEVRVYNWFANRRKEEAFRQKLAMDAY SSNQTHSLNPLLSHGSPHHQPSSSPPNKLSGVRYSSQGNNEITSSSTISHHGNSAMVTSQSVLQQ VSPASLDPGHNLLSPDGKMISVSGGGLPPVSTLTNIHSLSHHNPQQSQNLIMTPLSGVMAIAQSLN TSQAQSVPVINSVAGSLAALQPVQFSQQLHSPHQQLMQQSPGSHMAQQPFMAAVTQLQNSH MYAHKQEPPQYSHTSRFPSAMVVTDTSISTLTNMSSSKQCPLQAW
Host	Mouse
Reactivity	Human
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

Western Blot analysis of HNF1B expression in transfected 293T cell line ([H00006928-T01](#)) by HNF1B MaxPab polyclonal antibody.

Lane 1: TCF2 transfected lysate(61.27 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Immunofluorescence

Immunofluorescence of purified MaxPab antibody to TCF2 on HeLa cell. [antibody concentration 10 ug/ml]

Gene Info — HNF1B

Entrez GeneID	6928
GeneBank Accession#	NM_000458
Protein Accession#	NP_000449.1
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 hepatic nuclear factor

Pathway

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

Disease

- [Birth Weight](#)
- [Carcinoma](#)
- [Cardiovascular Diseases](#)
- [Diabetes](#)
- [Diabetes Mellitus](#)
- [Diabetic Nephropathies](#)
- [Diabetic Neuropathies](#)
- [Disease Progression](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Glucose Intolerance](#)
- [Glucose Metabolism Disorders](#)

- [HIV Infections](#)
- [Kidney Diseases](#)
- [Kidney Failure](#)
- [Neoplasm Recurrence](#)
- [Neoplasms](#)
- [Obesity](#)
- [Prostate cancer](#)
- [Prostatic Hyperplasia](#)
- [Prostatic Neoplasms](#)
- [Tobacco Use Disorder](#)
- [Vesico-Ureteral Reflux](#)
- [Wasting Syndrome](#)