

HNF1B Antibody (C-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP11114b

Specification

HNF1B Antibody (C-term) - Product Information

Application	WB,E
Primary Accession	P35680
Other Accession	P23899 , P27889 , NP_000449.1 , NP_001159395.1
Reactivity	Human
Predicted	Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	61324
Antigen Region	498-529

HNF1B Antibody (C-term) - Additional Information

Gene ID 6928

Other Names

Hepatocyte nuclear factor 1-beta, HNF-1-beta, HNF-1B, Homeoprotein LFB3, Transcription factor 2, TCF-2, Variant hepatic nuclear factor 1, vHNF1, HNF1B, TCF2

Target/Specificity

This HNF1B antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 498-529 amino acids from the C-terminal region of human HNF1B.

Dilution

WB~~1:1000

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

HNF1B Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

HNF1B Antibody (C-term) - Protein Information

Name HNF1B

Synonyms TCF2

Function Transcription factor that binds to the inverted palindrome 5'-GTTAATNATTAAC-3' (PubMed:[17924661](#), PubMed:[7900999](#)). Binds to the FPC element in the cAMP regulatory unit of the PLAU gene (By similarity). Transcriptional activity is increased by coactivator PCBD1 (PubMed:[24204001](#)).

Cellular Location

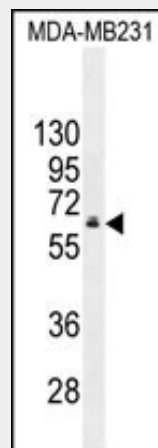
Nucleus.

HNF1B Antibody (C-term) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

HNF1B Antibody (C-term) - Images



HNF1B Antibody (C-term) (Cat. #AP11114b) western blot analysis in MDA-MB231 cell line lysates (35ug/lane). This demonstrates the HNF1B antibody detected the HNF1B protein (arrow).

HNF1B Antibody (C-term) - 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.

HNF1B Antibody (C-term) - References

- Jablonski, K.A., et al. Diabetes 59(10):2672-2681(2010)
Oram, R.A., et al. Am. J. Obstet. Gynecol. 203 (4), 364 (2010) :
Takata, R., et al. Nat. Genet. 42(9):751-754(2010)
Liu, H., et al. Prostate (2010) In press :
Maestro, M.A., et al. Endocr Dev 12, 33-45 (2007) :