

HNF1B Antibody (C-term) Blocking peptide
Synthetic peptide
Catalog # BP11114b**Specification**

HNF1B Antibody (C-term) Blocking peptide - Product InformationPrimary Accession [P35680](#)**HNF1B Antibody (C-term) Blocking peptide - 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

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

HNF1B Antibody (C-term) Blocking peptide - Protein Information**Name** HNF1B**Synonyms** TCF2**Function**

Transcription factor that binds to the inverted palindrome 5'-GTTAATNATTAAC-3' (PubMed:7900999, PubMed:17924661). 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) Blocking peptide - Protocols

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

- [Blocking Peptides](#)

HNF1B Antibody (C-term) Blocking peptide - Images

HNF1B Antibody (C-term) Blocking peptide - 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) Blocking peptide - 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) :