

HNF1A Antibody (Center) Blocking Peptide
Synthetic peptide
Catalog # BP8717c**Specification**

HNF1A Antibody (Center) Blocking Peptide - Product InformationPrimary Accession [P20823](#)**HNF1A Antibody (Center) Blocking Peptide - Additional Information****Gene ID** 6927**Other Names**

Hepatocyte nuclear factor 1-alpha, HNF-1-alpha, HNF-1A, Liver-specific transcription factor LF-B1, LFB1, Transcription factor 1, TCF-1, HNF1A, TCF1

Target/Specificity

The synthetic peptide sequence used to generate the antibody [AP8717c](/products/AP8717c) was selected from the Center region of human HNF1A. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

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.

HNF1A Antibody (Center) Blocking Peptide - Protein Information**Name** HNF1A**Synonyms** TCF1**Function**

Transcriptional activator that regulates the tissue specific expression of multiple genes, especially in pancreatic islet cells and in liver (By similarity). Binds to the inverted palindrome 5'-GTTAATNATTAAC-3' (PubMed: [12453420](http://www.uniprot.org/citations/12453420), PubMed: [10966642](http://www.uniprot.org/citations/10966642)). Activates the transcription of CYP1A2, CYP2E1 and CYP3A11 (By similarity).

Cellular Location

Nucleus {ECO:0000255|PROSITE-ProRule:PRU00108, ECO:0000269|PubMed:10966642,

ECO:0000269|PubMed:38018242}

Tissue Location

Liver.

HNF1A Antibody (Center) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

HNF1A Antibody (Center) Blocking Peptide - Images**HNF1A Antibody (Center) Blocking Peptide - Background**

HNF1A is a transcription factor required for the expression of several liver-specific genes. This protein functions as a homodimer and binds to the inverted palindrome 5'-GTTAATNATTAAC-3'.

HNF1A Antibody (Center) Blocking Peptide - References

Bach,I., et.al., Genomics 8 (1), 155-164 (1990)