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HNF1A Antibody (Center) Blocking Peptide

Synthetic peptide
Catalog # BP8717c

Specification

HNF1A Antibody (Center) Blocking Peptide - Product Information

Primary 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 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

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)

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, PubMed:10966642). Activates the transcription of CYP1A2, CYP2E1 and CYP3A11 (By similarity).

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

Tissue Location
Liver.

HNF1A Antibody (Center) Blocking Peptide - Protocols

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

- Blocking Peptides