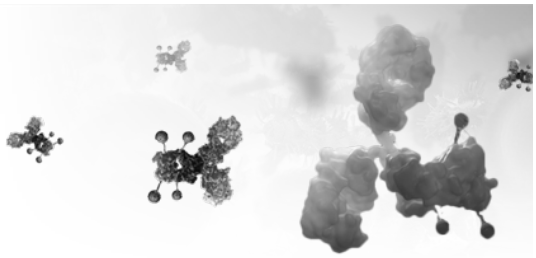

Human HNF1A blocking peptide (CDBP1492)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Blocking/Immunizing peptide for anti-TCF1/HNF1 antibody
Antigen Description	The protein encoded by this gene is a transcription factor required for the expression of several liver-specific genes. The encoded protein functions as a homodimer and binds to the inverted palindrome 5'-GTTAATNATTAAC-3'. Defects in this gene are a cause of maturity onset diabetes of the young type 3 (MODY3) and also can result in the appearance of hepatic adenomas. [provided by RefSeq, Mar 2009]
Species	Human
Conjugate	Unconjugated
Applications	Apuri, BL, ELISA
Format	Lyophilized powder
Size	100 µg
Preservative	None
Storage	Shipped at ambient temperature, store at -20°C.

GENE INFORMATION

Gene Name	HNF1A HNF1 homeobox A [Homo sapiens (human)]
Official Symbol	HNF1A
Synonyms	HNF1A; HNF1 homeobox A; HNF1; LFB1; TCF1; MODY3; TCF-1; HNF-1A; IDDM20; hepatocyte nuclear factor 1-alpha; HNF-1-alpha; albumin proximal factor; hepatic nuclear factor 1; transcription factor 1, hepatic; interferon production regulator factor; liver-specific

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	transcription factor LF-B1;
Entrez Gene ID	6927
mRNA Refseq	NM_000545.5
Protein Refseq	NP_000536.5
UniProt ID	P20823
Chromosome Location	12q24.2
Pathway	Adipogenesis, organism-specific biosystem; Developmental Biology, organism-specific biosystem; FOXA2 and FOXA3 transcription factor networks, organism-specific biosystem; IL-6 Signaling Pathway, organism-specific biosystem; Maturity onset diabetes of the young, organism-specific biosystem; Maturity onset diabetes of the young, conserved biosystem; Presenilin action in Notch and Wnt signaling, organism-specific biosystem; Regulation of beta-cell development, organism-specific biosystem; Regulatio
Function	DNA binding; RNA polymerase II core promoter proximal region sequence-specific DNA binding transcription factor activity involved in positive regulation of transcription; protein binding; protein dimerization activity; protein heterodimerization activity;

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