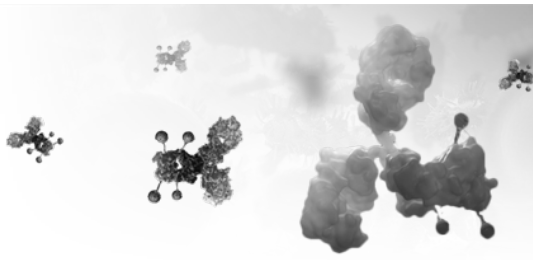

Human HNF1B blocking peptide (CDBP1493)

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

PRODUCT INFORMATION

Product Overview	Blocking/Immunizing peptide for anti-TCF2/VHNF1 antibody
Antigen Description	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.[provided by RefSeq, Sep 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	HNF1B HNF1 homeobox B [Homo sapiens (human)]
Official Symbol	HNF1B
Synonyms	HNF1B; HNF1 homeobox B; FJHN; HNF2; LFB3; TCF2; HPC11; LF-B3; MODY5; TCF-2;

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	VHNF1; HNF-1B; HNF1beta; hepatocyte nuclear factor 1-beta; HNF-1-beta; HNF1 beta A; homeoprotein LFB3; transcription factor 2, hepatic;
Entrez Gene ID	6928
mRNA Refseq	NM_000458.2
Protein Refseq	NP_000449.1
UniProt ID	P35680
Chromosome Location	17q12
Pathway	Developmental Biology, organism-specific biosystem; Maturity onset diabetes of the young, organism-specific biosystem; Maturity onset diabetes of the young, conserved biosystem; Regulation of beta-cell development, organism-specific biosystem; Regulation of gene expression in early pancreatic precursor cells, organism-specific biosystem; Regulation of gene expression in late stage (branching morphogenesis) pancreatic bud precursor cells, organism-specific biosystem;
Function	DNA binding; RNA polymerase II distal enhancer sequence-specific DNA binding transcription factor activity; protein binding; protein heterodimerization activity; protein homodimerization activity; protein homodimerization activity; sequence-specific DNA b

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