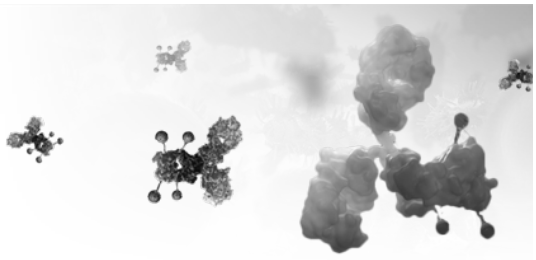

Human FOXA2 blocking peptide (CDBP1253)

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

PRODUCT INFORMATION

Product Overview	Blocking/Immunizing peptide for anti-FOXA2/HNF3B antibody
Antigen Description	This gene encodes a member of the forkhead class of DNA-binding proteins. These hepatocyte nuclear factors are transcriptional activators for liver-specific genes such as albumin and transthyretin, and they also interact with chromatin. Similar family members in mice have roles in the regulation of metabolism and in the differentiation of the pancreas and liver. This gene has been linked to sporadic cases of maturity-onset diabetes of the young. Transcript variants encoding different isoforms have been identified for this gene.
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	FOXA2 forkhead box A2 [Homo sapiens]
Official Symbol	FOXA2
Synonyms	FOXA2; forkhead box A2; hepatocyte nuclear factor 3, beta , HNF3B; hepatocyte nuclear factor 3-beta; HNF-3B; TCF-3B; HNF-3-beta; forkhead box protein A2; transcription factor 3B; hepatic

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	nuclear factor-3-beta; hepatocyte nuclear factor 3, beta; HNF3B; TCF3B; MGC19807;
Entrez Gene ID	3170
mRNA Refseq	NM_021784
Protein Refseq	NP_068556
UniProt ID	Q9Y261
Chromosome Location	20p11
Pathway	Developmental Biology, organism-specific biosystem; FOXA transcription factor networks, organism-specific biosystem; FOXA1 transcription factor network, organism-specific biosystem; FOXA2 and FOXA3 transcription factor networks, organism-specific biosystem; Heart Development, organism-specific biosystem; Hedgehog signaling events mediated by Gli proteins, organism-specific biosystem; Maturity onset diabetes of the young, organism-specific biosystem;
Function	DNA binding; DNA binding, bending; RNA polymerase II core promoter proximal region sequence-specific DNA binding; SMAD binding; double-stranded DNA binding; protein domain specific binding; sequence-specific DNA binding; sequence-specific DNA binding tran

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