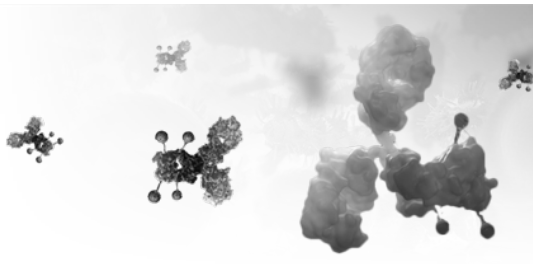

NR1H3 blocking peptide (CDBP5704)

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

PRODUCT INFORMATION

Antigen Description	The protein encoded by this gene belongs to the NR1 subfamily of the nuclear receptor superfamily. The NR1 family members are key regulators of macrophage function, controlling transcriptional programs involved in lipid homeostasis and inflammation. This protein is highly expressed in visceral organs, including liver, kidney and intestine. It forms a heterodimer with retinoid X receptor (RXR), and regulates expression of target genes containing retinoid response elements. Studies in mice lacking this gene suggest that it may play an important role in the regulation of cholesterol homeostasis. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Oct 2011]
Conjugate	Unconjugated
Applications	Used as a blocking peptide in immunoblotting applications.
Format	Liquid
Concentration	200 µg/mL
Size	0.05 mg
Preservative	None
Storage	-20°C

GENE INFORMATION

Gene Name	NR1H3 nuclear receptor subfamily 1, group H, member 3 [Homo sapiens (human)]
Official Symbol	NR1H3
Synonyms	NR1H3; nuclear receptor subfamily 1, group H, member 3; LXRA; LXR-a; RLD-1; oxysterols receptor LXR-alpha; liver X nuclear receptor alpha variant 1

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Entrez Gene ID	10062
mRNA Refseq	NM_001130101
Protein Refseq	NP_001123573
UniProt ID	Q13133
Pathway	Adipogenesis; Gene Expression; Generic Transcription Pathway; Hepatitis C; Non-alcoholic fatty liver disease (NAFLD); Nuclear Receptor transcription pathway; Nuclear Receptors; Nuclear receptors in lipid metabolism and toxicity
Function	DNA binding; cholesterol binding; ligand-activated sequence-specific DNA binding RNA polymerase II transcription factor activity; protein binding; sequence-specific DNA binding; steroid hormone receptor activity; sterol response element binding; transcription coactivator activity; transcription regulatory region DNA binding; contributes_to transcription regulatory region DNA binding; zinc ion binding

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