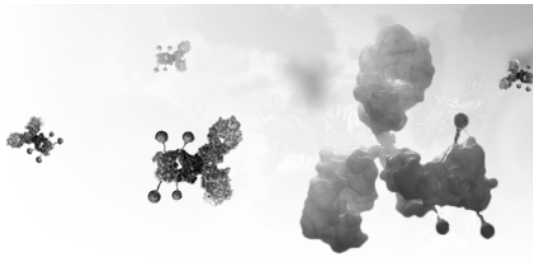

NR1H2 blocking peptide (CDBP5705)

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

PRODUCT INFORMATION

Antigen Description	The liver X receptors, LXRA (NR1H3; MIM 602423) and LXRB, form a subfamily of the nuclear receptor superfamily and are key regulators of macrophage function, controlling transcriptional programs involved in lipid homeostasis and inflammation. The inducible LXRA is highly expressed in liver, adrenal gland, intestine, adipose tissue, macrophages, lung, and kidney, whereas LXRB is ubiquitously expressed. Ligand-activated LXRs form obligate heterodimers with retinoid X receptors (RXRs; see MIM 180245) and regulate expression of target genes containing LXR response elements (summary by Korf et al., 2009 [PubMed 19436111]).[supplied by OMIM, Jan 2010]
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	NR1H2 nuclear receptor subfamily 1, group H, member 2 [Homo sapiens (human)]
Official Symbol	NR1H2
Synonyms	NR1H2; nuclear receptor subfamily 1, group H, member 2; NER; UNR; LXRB; LXR-b; NER-I; RIP15; oxysterols receptor LXR-beta; LX receptor beta; nuclear receptor NER; liver X nuclear

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	receptor beta; nuclear orphan receptor LXR-beta; steroid hormone-nuclear receptor NER; ubiquitously-expressed nuclear receptor
Entrez Gene ID	7376
mRNA Refseq	NM_001256647
Protein Refseq	NP_001243576
UniProt ID	P55055
Pathway	Gene Expression; Generic Transcription Pathway; Nuclear Receptor transcription pathway; Nuclear Receptors; SREBP signalling
Function	ATPase binding; DNA binding; RNA polymerase II core promoter proximal region sequence-specific DNA binding; RNA polymerase II core promoter proximal region sequence-specific DNA binding transcription factor activity involved in positive regulation of transcription; apolipoprotein A-I receptor binding; ligand-activated sequence-specific DNA binding RNA polymerase II transcription factor activity; protein binding; retinoid X receptor binding; sequence-specific transcription regulatory region DNA binding RNA polymerase II transcription factor recruiting transcription factor activity; steroid hormone receptor activity; zinc ion binding

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