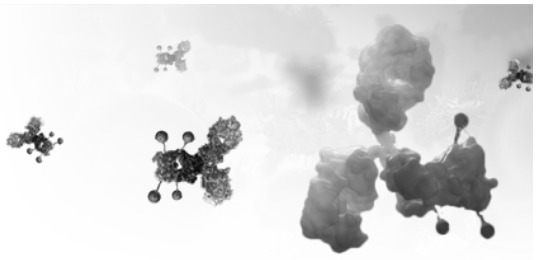

Rat NR1H2 peptide (DAG-P0777)

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]
Specificity	Ubiquitous.
Purity	> 95 % by SDS-PAGE.This peptide is greater than 95% pure.
Conjugate	Unconjugated
Applications	Neut
Sequence Similarities	Belongs to the nuclear hormone receptor family. NR1 subfamily.Contains 1 nuclear receptor DNA-binding domain.
Format	Liquid
Buffer	Double distilled water or equivalent after reconstitution.
Preservative	None
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles. Double distilled water or equivalent after reconstitution.

GENE INFORMATION

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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 receptor beta; nuclear orphan receptor LXR-beta; steroid hormone-nuclear receptor NER; ubiquitously-expressed nuclear receptor;
Entrez Gene ID	7376
mRNA Refseq	NM_001256647.1
Protein Refseq	NP_001243576.1
UniProt ID	P55055
Chromosome Location	19q13.3
Pathway	Gene Expression, organism-specific biosystem; Generic Transcription Pathway, organism-specific biosystem; Nuclear Receptor transcription pathway, organism-specific biosystem; Nuclear Receptors, organism-specific biosystem; SREBP signalling, organism-specific biosystem;
Function	DNA binding; ligand-activated sequence-specific DNA binding RNA polymerase II transcription factor activity; protein binding; retinoid X receptor binding; sequence-specific DNA binding; sequence-specific transcription regulatory region DNA binding RNA pol

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