



# NLRP7 blocking peptide (CDBP5795)

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

## PRODUCT INFORMATION

<b>Antigen Description</b>	This gene encodes a member of the NACHT, leucine rich repeat, and PYD containing (NLRP) protein family. It has an N-terminal pyrin domain, followed by a NACHT domain, a NACHT-associated domain (NAD), and a C-terminal leucine-rich repeat (LRR) region. NLRP proteins are implicated in the activation of proinflammatory caspases through multiprotein complexes called inflammasomes. This gene may act as a feedback regulator of caspase-1-dependent interleukin 1-beta secretion. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Jul 2008]
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<b>Conjugate</b>	Unconjugated
<b>Applications</b>	Used as a blocking peptide in immunoblotting applications.
<b>Format</b>	Liquid
<b>Concentration</b>	200 µg/mL
<b>Size</b>	0.05 mg
<b>Preservative</b>	None
<b>Storage</b>	-20°C

## GENE INFORMATION

<b>Gene Name</b>	<a href="#">NLRP7 NLR family, pyrin domain containing 7 [ Homo sapiens (human) ]</a>
<b>Official Symbol</b>	NLRP7
<b>Synonyms</b>	NLRP7; NLR family, pyrin domain containing 7; HYDM; PAN7; NALP7; NOD12; PYPAF3; CLR19.4; NACHT, LRR and PYD domains-containing protein 7; PYRIN-containing Apaf1-like protein 3; NACHT, LRR and PYD containing protein 7; NACHT, leucine rich repeat and PYD

containing 7; nucleotide-binding oligomerization domain protein 12; nucleotide-binding oligomerization domain, leucine rich repeat and pyrin domain containing 7

Entrez Gene ID	<a href="#">199713</a>
mRNA Refseq	<a href="#">NM_001127255</a>
Protein Refseq	<a href="#">NP_001120727</a>
UniProt ID	Q8WX94
Pathway	NOD pathway
Function	ATP binding