

**NLRP7 Antibody (N-term) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP17172a****Specification**

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**NLRP7 Antibody (N-term) Blocking Peptide - Product Information**Primary Accession [Q8WX94](#)**NLRP7 Antibody (N-term) Blocking Peptide - Additional Information****Gene ID** 199713**Other Names**

NACHT, LRR and PYD domains-containing protein 7, Nucleotide-binding oligomerization domain protein 12, PYRIN-containing APAF1-like protein 3, NLRP7, NALP7, NOD12, PYPAF3

**Format**

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

**Storage**

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

**Precautions**

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

**NLRP7 Antibody (N-term) Blocking Peptide - Protein Information****Name** NLRP7**Synonyms** NALP7, NOD12, PYPAF3**Function**

Inhibits CASP1/caspase-1-dependent IL1B secretion.

**Tissue Location**

Expressed in numerous tissues including uterus and ovary, with low levels in heart and brain. Not detected in skeletal muscle.

**NLRP7 Antibody (N-term) Blocking Peptide - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)

**NLRP7 Antibody (N-term) Blocking Peptide - Images**

**NLRP7 Antibody (N-term) Blocking Peptide - Background**

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.

**NLRP7 Antibody (N-term) Blocking Peptide - References**

Cummings, J.R., et al. Tissue Antigens 76(1):48-56(2010) de Sa Pinheiro, A., et al. Biomol NMR Assign 3(2):207-209(2009) Slim, R., et al. Clin. Genet. 76(3):292-295(2009) Wang, C.M., et al. J. Med. Genet. 46(8):569-575(2009) Deveau, C., et al. Hum. Mol. Genet. 18(5):888-897(2009)