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Datasheet for ABIN908466

## anti-NLRP7 antibody (AA 901-980) (Alexa Fluor 647)

### Overview

Quantity:	100 µL
Target:	NLRP7
Binding Specificity:	AA 901-980
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NLRP7 antibody is conjugated to Alexa Fluor 647
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

### Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human NLRP7
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	Purified by Protein A.

### Target Details

Target:	NLRP7
Alternative Name:	NLRP7 ( <a href="#">NLRP7 Products</a> )
Background:	Synonyms: CLR19.4, FLJ94610, HYDM, NACHT, leucine rich repeat and PYD containing 7,

## Target Details

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NACHT, LRR and PYD containing protein 7, NACHT, LRR and PYD domains containing protein 7, NACHT, LRR and PYD domains-containing protein 7, NALP7, NALP7\_HUMAN, NLR family, pyrin domain containing 7, NLRP7, NOD12, Nucleotide-binding oligomerization domain protein 12, Nucleotide-binding oligomerization domain, leucine rich repeat and pyrin domain containing 7, PAN7, PYPAF3, PYRIN-containing APAF1-like protein 3.

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. [provided by RefSeq, Jul 2008].

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Gene ID: 199713

Pathways: [Inflammasome](#)

## Application Details

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Application Notes: IF(IHC-P) 1:50-200  
IF(IHC-F) 1:50-200  
IF(ICC) 1:50-200

Restrictions: For Research Use only

## Handling

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Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

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## Handling

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Expiry Date: 12 months