

Datasheet for ABIN7599799  
**anti-NLRP9 antibody (AA 118-746)**



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## Overview

Quantity:	100 µg
Target:	NLRP9
Binding Specificity:	AA 118-746
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NLRP9 antibody is un-conjugated
Application:	ELISA, Western Blotting (WB)

## Product Details

Purpose:	Anti-NLRP9 Antibody Picoband®
Immunogen:	E.coli-derived human NLRP9 recombinant protein (Position: H118-H746).
Isotype:	IgG
Cross-Reactivity (Details):	No cross-reactivity with other proteins
Characteristics:	Anti-NLRP9 Antibody Picoband® (ABIN7599799). Tested in ELISA, WB applications. This antibody reacts with Human. The brand Picoband indicates this is a premium antibody that guarantees superior quality, high affinity, and strong signals with minimal background in Western blot applications. Only our best-performing antibodies are designated as Picoband, ensuring unmatched performance.
Purification:	Immunogen affinity purified.

## Target Details

Target:	NLRP9
Alternative Name:	NLRP9 ( <a href="#">NLRP9 Products</a> )
Background:	<p>Synonyms: RNA-binding protein 47,RNA-binding motif protein 47,RBM47,</p> <p>Tissue Specificity: Abundantly expressed in tonsil, lymph node, and trachea, strong expression in prostate, lower expression in thyroid, stomach, and colon. .</p> <p>Background: The protein encoded by this gene belongs to the NALP protein family. Members of the NALP protein family typically contain a NACHT domain, a NACHT-associated domain (NAD), a C-terminal leucine-rich repeat (LRR) region, and an N-terminal pyrin domain (PYD). This protein may play a regulatory role in the innate immune system as similar family members belong to the signal-induced multiprotein complex, the inflammasome, that activates the pro-inflammatory caspases, caspase-1 and caspase-5.</p>
Molecular Weight:	113 kDa
Gene ID:	338321
Pathways:	<a href="#">Inflammasome</a>

## Application Details

Application Notes:	<p>Western blot, 0.25-0.5 µg/mL, Human</p> <p>ELISA, 0.1-0.5 µg/mL, -</p> <p>1. Inohara, N., Nunez, G. NODs: intracellular proteins involved in inflammation and apoptosis. Nature Rev. Immun. 3: 371-382, 2003. 2. Tschopp, J., Martinon, F., Burns, K. NALPs: a novel protein family involved in inflammation. Nature Rev. Molec. Cell Biol. 4: 95-104, 2003. 3. Zhu, S., Ding, S., Wang, P., Wei, Z., Pan, W., Palm, N. W., Yang, Y., Yu, H., Li, H.-B., Wang, G., Lei, X., de Zoete, M. R., and 13 others. Nlrp9b inflammasome restricts rotavirus infection in intestinal epithelial cells. Nature 546: 667-670, 2017.</p>
Restrictions:	For Research Use only

## Handling

Format:	Lyophilized
Reconstitution:	Adding 0.2 mL of distilled water will yield a concentration of 500 µg/mL.
Concentration:	500 µg/mL
Buffer:	Each vial contains 4 mg Trehalose, 0.9 mg NaCl, 0.2 mg Na2HPO4.

## Handling

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Storage: 4 °C, -20 °C

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Storage Comment: At -20°C for one year from date of receipt. After reconstitution, at 4°C for one month.  
It can also be aliquotted and stored frozen at -20°C for six months. Avoid repeated freezing and thawing.