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Datasheet for ABIN907630

**anti-NLRP4 antibody (AA 351-450) (Alexa Fluor 647)**

## Overview

Quantity:	100 µL
Target:	NLRP4
Binding Specificity:	AA 351-450
Reactivity:	Human, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NLRP4 antibody is conjugated to Alexa Fluor 647
Application:	Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

## Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human NALP4
Isotype:	IgG
Specificity:	This antibody will detect multiple forms of NALP4, including the A, C and E Mouse variants.
Cross-Reactivity:	Human, Rat
Predicted Reactivity:	Mouse,Pig,Horse
Purification:	Purified by Protein A.

## Target Details

Target:	NLRP4
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## Target Details

Alternative Name:	NALP4 ( <a href="#">NLRP4 Products</a> )
Background:	<p>Synonyms: NACHT, LRR and PYD domains-containing protein 4, Cancer/testis antigen 58, CT58, PAAD and NACHT-containing protein 2, PAN2, PYRIN and NACHT-containing protein 2, PYRIN-containing APAF1-like protein 4, PYPAF4, Ribonuclease inhibitor 2, NLRP4, NALP4, RNH2</p> <p>Background: May be involved in inflammation and recognition of cytosolic pathogen-associated molecular patterns (PAMPs) not intercepted by membrane-bound receptors. Acts as a negative regulator of the type I interferon signaling pathway by serving as an adapter to promote DTX4-mediated ubiquitination of activated TBK1, and its subsequent degradation. Suppresses NF-kappaB induction by the cytokines TNFA and IL1B, suggesting that it operates at a point of convergence in these two cytokine signaling pathways.</p>
Gene ID:	147945
UniProt:	<a href="#">Q96MN2</a>
Pathways:	<a href="#">Inflammasome</a>

## Application Details

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

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.

## Handling

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Expiry Date: 12 months