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Datasheet for ABIN3032022 anti-NLRP4 antibody (AA 121-149)

2 Images



Overview

Quantity:	0.4 mL
Target:	NLRP4
Binding Specificity:	AA 121-149
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NLRP4 antibody is un-conjugated
Application:	ELISA, Western Blotting (WB)

Product Details

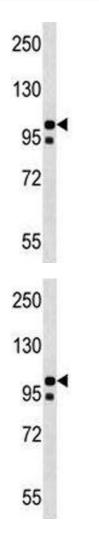
Immunogen:	A portion of amino acids 121-149 from the human protein was used as the immunogen for this NLRP4 antibody.
Isotype:	Ig Fraction
Purification:	Antigen affinity purified

Target Details

Target:	NLRP4
Alternative Name:	NLRP4 (NLRP4 Products)
Background:	NALPs are cytoplasmic proteins that form a subfamily within the larger CATERPILLER protein family. Most short NALPs, such as NALP4, have an N-terminal pyrin (MEFV, MIM 608107)
	domain (PYD), followed by a NACHT domain, a NACHT-associated domain (NAD), and a C-

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	terminal leucine-rich repeat (LRR) region. The long NALP, NALP1 (MIM 606636), also has a C- terminal extension containing a function to find domain (FIIND) and a caspase recruitment domain (CARD). NALPs are implicated in the activation of proinflammatory caspases (e.g., CASP1, MIM 147678) via their involvement in multiprotein complexes called inflammasomes (Tschopp et al., 2003 [PubMed 12563287]).
UniProt:	Q96MN2
Pathways:	Inflammasome
Application Details	
Application Notes:	Titration of the NLRP4 antibody may be required due to differences in protocols and secondary/substrate sensitivity.\. Western blot: 1:1000
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Buffer:	In 1X PBS pH 7.4 with 0.09 % sodium azide
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Aliquot the NLRP4 antibody and store frozen at -20°C or colder. Avoid repeated freeze-thaw cycles.



Western Blotting

Image 1. NLRP4 antibody western blot analysis in uterus tissue lysate.

Western Blotting

Image 2. NLRP4 antibody western blot analysis in uterus tissue lysate.

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