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anti-NLRP4 antibody (N-Term)





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Quantity:	400 μL	
Target:	NLRP4	
Binding Specificity:	AA 121-149, N-Term	
Reactivity:	Human	
Host:	Rabbit	
Clonality:	Polyclonal	
Application:	Western Blotting (WB)	

Product Details

Immunogen:	This NLRP4 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 121-149 amino acids from the N-terminal region of human NLRP4.
Clone:	RB37352
Isotype:	IgG
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

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-

Target Details

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]).

Molecular Weight: 113415

Gene ID: 147945

NCBI Accession: NP_604393

UniProt: Q96MN2

Pathways: Inflammasome

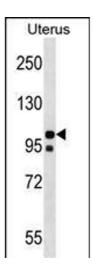
Application Details

Application Notes: WB: 1:1000

Restrictions: For Research Use only

Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) 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:	4 °C,-20 °C
Storage Comment:	NLRP4 Antibody (N-term) can be refrigerated at 2-8 °C for up to 6 months. For long term storage, keep at -20 °C.
Expiry Date:	6 months



Western Blotting

Image 1. NLRP4 Antibody (N-term) (ABIN1538995 and ABIN2850178) western blot analysis in Uterus tissue lysates ($35\,\mu g/lane$). This demonstrates the NLRP4 antibody detected the NLRP4 protein (arrow).