

Datasheet for ABIN6991404
anti-NLRP7 antibody (N-Term)



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Overview

Quantity:	0.1 mg
Target:	NLRP7
Binding Specificity:	AA 90-140, N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NLRP7 antibody is un-conjugated
Application:	ELISA, Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (IF)

Product Details

Immunogen:	NALP7 antibody was raised against an 18 amino acid synthetic peptide near the amino terminus of human NALP7. The immunogen is located within amino acids 90 - 140 of NALP7.
Isotype:	IgG
Purification:	NALP7 Antibody is affinity chromatography purified via peptide column.

Target Details

Target:	NLRP7
Alternative Name:	NALP7 (NLRP7 Products)
Background:	NALP7 Antibody: NOD proteins include the apoptosis regulator APAF1 (apoptotic protease activating factor 1) and mammalian NOD-LRR proteins. NALP7, also known as PYPAF3, a

Target Details

member of the related PYRIN-containing APAF1-like proteins (PYPAFs/NALPs) is thought to play a crucial role in cell proliferation. NALP7 has a C-terminal leucine-rich repeat (LRR) region, an N-terminal Pyrin domain (PYD) followed by a NACHT domain, and a NACHT-associated domain. It is expressed in numerous tissues including uterus and ovary, with low levels in heart and brain. NALP7 inhibits caspase-1-dependent interleukin-1 β , secretion and is a feedback regulator of interleukin-1 β , secretion. Defects in the NALP7 gene are known to cause the formation of a hydatidiform mole (HYDM) and reduce the growth of carcinoma cell lines.

Gene ID:	199713
NCBI Accession:	NP_631915
UniProt:	Q8WX94
Pathways:	Inflammasome

Application Details

Application Notes:	NALP7 antibody can be used for detection of NALP7 by Western blot at 1 μ g/mL. Antibody can also be used for immunohistochemistry starting at 10 μ g/mL. For immunofluorescence start at 20 μ g/mL. Antibody validated: Western Blot in human samples, Immunohistochemistry in human samples and Immunofluorescence in human samples. All other applications and species not yet tested.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	NALP7 Antibody is supplied in PBS containing 0.02 % 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, 4 °C
Storage Comment:	NALP7 antibody can be stored at 4°C for three months and -20°C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should

not be exposed to prolonged high temperatures.