

Rabbit anti-Human NALP7 Polyclonal Antibody | anti-NALP7 antibody

NALP7 Antibody

CATALOG # AAA302132	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Western Blot, ELISA
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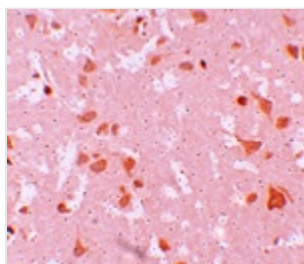
PRODUCT SYNONYMS

NALP7; Polyclonal Antibody; NALP7 Antibody; NLR family pyrin domain containing 7; NLRP7; PYRIN-containing APAF1-like protein 3; PYPAF3; NOD12; CLR19.4; PAN7; HYDM; anti-NALP7 antibody

PRODUCT SPECIFICATIONS

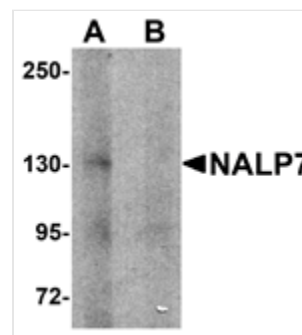
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Affinity chromatography purified via peptide column
Form/Format	Supplied in PBS containing 0.02% sodium azide.
Sequence Length	1009
Applicable Applications for anti-NALP7 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen Type	Peptide
Immunogen Description	Raised against an 18 amino acid peptide near the amino terminus of human NALP7.
Target Name	NALP7
Preparation and Storage	Can be stored at -20 degree C, stable for 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.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry of NALP7 in human brain tissue with NALP7 antibody at 10 ug/mL.



WB (Western Blot)

Western blot analysis of NALP7 in human brain tissue lysate with NALP7 antibody at 1 ug/mL in (A) the absence and (B) the presence of blocking peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-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 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-1b secretion and is a feedback regulator of interleukin-1b 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.
Product Categories/Family for anti-NALP7 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	46049100
NCBI GeneID	199713
NCBI Accession #	NP_631915
NCBI GenBank Nucleotide #	NM_139176.3
Molecular Weight	118,303 Da
NCBI Official Full Name	NACHT, LRR and PYD domains-containing protein 7 isoform 1
NCBI Official Synonym Full Names	NLR family, pyrin domain containing 7
NCBI Official Symbol	NLRP7
NCBI Official Synonym Symbols	HYDM; PAN7; NALP7; NOD12; PYPAF3; CLR19.4
NCBI Protein Information	NACHT, LRR and PYD domains-containing protein 7
UniProt Protein Name	NACHT, LRR and PYD domains-containing protein 7
UniProt Gene Name	NLRP7
UniProt Synonym Gene Names	NALP7; NOD12; PYPAF3
UniProt Entry Name	NALP7_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/nalp7-antibody-immunohistochemistry-western-blot-elisa/302132>