

Rabbit anti-Human NLRP1/NALP1 Polyclonal Antibody | anti-NLRP1 antibody

Polyclonal Antibody to NLRP1/NALP1 (NAC-delta)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA78348	Rabbit	Human	Western Blot, Immunohistochemistry, Immunoprecipitation

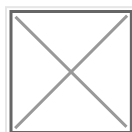
PRODUCT SYNONYMS

NLRP1/NALP1; Polyclonal Antibody; Polyclonal Antibody to NLRP1/NALP1 (NAC-delta); NLRP1; CARD7; DEFCAP; KIAA0926; NAC; NALP1; Caspase recruitment domain-containing protein 7; Death effector filament-forming ced-4-like apoptosis protein; Nucleotide-binding domain and caspase recruitment domain; Antibody to NLRP1/NALP1 (NAC-delta); Anti-NLRP1/NALP1 (NAC-delta) Antibody; NLRP1/NALP1 (NAC-delta) Antibody; anti-NLRP1 antibody

PRODUCT SPECIFICATIONS

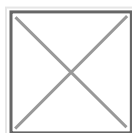
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Sera
Form/Format	50 ul sera
Sequence Length	1473
Applicable Applications for anti-NLRP1 antibody	WB (Western Blot), IHC (Immunohistochemistry), IP (Immunoprecipitation)
Immunogen Information	A synthetic peptide of human NLRP1/NALP1/NAC/CARD7 (amino acids 161-180 PSSPDHESPSQESPNAPTST) was used as immunogen for this antibody
Preparation and Storage	Store the antibody at 4°C, stable for 6 months. For long-term storage, store at -20°C. Avoid repeated freeze and thaw cycles.

IMAGES



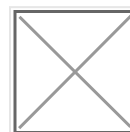
IHC (Immunohistochemistry)

Fig: 3 Formalin-fixed, paraffin-embedded normal human tissue sections probed using NLRP1 antibody at 1: 2000. A, epidermis. B, esophagus. C, uterine cervix. D, thymus. Hematoxylin-eosin counterstain. In A-C, NLRP1 expression is associated with differentiation in stratified epithelial of the skin, esophagus, and cervix.



WB (Western Blot)

Fig: 1 Western blot analysis of NLRP1 in adult human tissue lysates using NLRP1 antibody at 1: 2000. Full-length NLRP1 protein was detected at highest levels in kidney, brain and epidermis. A smaller band was detected in thymus, possibly representing a NLRP1 breakdown product or alternatively spliced form. 293T/NALP1: positive control, 293T cells transiently transfected with full-length NLRP1.



IHC (Immunohistochemistry)

Fig: 2 Formalin-fixed, paraffin-embedded human tissue sections probed with NALP1 antibody at 1: 2000. A, bone marrow. B, brain glioma core from a brain cancer microarray. A1 and B1 are higher magnifications of A and B, respectively. Hematoxylin-eosin counterstain.

ADDITIONAL INFORMATION

Related Product Information for anti-NLRP1 antibody	This antibody detects NLRP1; human NLRP1 is a 1473 amino acid protein. NLRP1, a member of NALP CLR subfamily, has an N-terminal pyrin domain (PYD), followed by an NBD, LRR, and a C-terminal CARD domain. NLRP1 is a component of both the inflammasome and apoptosome, suggesting that NLRP1 has important roles in both inflammation and apoptosis. The N-terminal domain consists of transactivation, CARD, Pyrin or BIR domains, or in some cases is undefined. The CLR family, also known as the NOD family, has its ancient roots in the plant kingdom and is related to the disease resistance (R) gene family that mediates plant immune responses. However, multiple splice variants encoding distinct NLRP1 isoforms with varying amino acid lengths have been described and thus the molecular weight detected may vary depending on the isoform(s) expressed.
Product Categories/Family for anti-NLRP1 antibody	Antibodies; Apoptosis

NCBI AND UNIPROT INFORMATION

NCBI GI #	17380146
NCBI GeneID	22861
UniProt Accession #	Q9C000; Q9BZZ8; Q9BZZ9; Q9H5Z7; Q9H5Z8; Q9HAV8; Q9UFT4; Q9Y2E0; E9PE50; I6L9D9
NCBI Official Full Name	NACHT, LRR and PYD domains-containing protein 1
NCBI Official Synonym Full Names	NLR family pyrin domain containing 1
NCBI Official Symbol	NLRP1
NCBI Official Synonym Symbols	NAC; MSPC; CARD7; CIDED; NALP1; SLEV1; DEFCAP; PP1044; VAMAS1; CLR17.1; DEFCAP-L/S
NCBI Protein Information	NACHT, LRR and PYD domains-containing protein 1
UniProt Protein Name	NACHT, LRR and PYD domains-containing protein 1
UniProt Gene Name	NLRP1

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://stage.aaabiotech.com/polyclonal/nlrp1-nalp1-antibody-western-blot-immunohistochemistry-immunoprecipitation-elisa/78348>