

Rabbit NLRP1 Polyclonal Antibody | anti-NLRP1 antibody

NLRP1 Rabbit pAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA28324	Rabbit	Human, Mouse, Rat	Western Blot, Immunohistochemistry, Immunofluorescence

PRODUCT SYNONYMS

NLRP1; Polyclonal Antibody; NLRP1 Rabbit pAb; AIADK; CARD7; CIDED; CLR17.1; DEFCAP; DEFCAP-L/S; MSPC; NAC; NALP1; PP1044; SLEV1; VAMAS1; anti-NLRP1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Sequence	TGEMSNSTSS LKRQLGSER AASHVAQANL KLLDVSKIFP IAEIAGKSHE ESSPEVVPVE LLCVPSPASQ GDLHTKPLGT DDDFWGPTGP VATEVVDKEK N
Applicable Applications for anti-NLRP1 antibody	WB (Western Blot), IHC (Immunohistochemistry), IF (Immunofluorescence)
Application Notes	WB: 1:500-1:2000 IHC: 1:50-1:200 IF: 1:50-1:200
Immunogen	A synthetic peptide corresponding to a sequence within amino acids 1000-1100 of human NLRP1 (NP_001028225.1).
Positive Samples	HeLa, SH-SY5Y
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



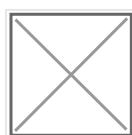
IF (Immunofluorescence)

Immunofluorescence analysis of PC-12 cells using NLRP1 antibody at dilution of 1:200. Blue: DAPI for nuclear staining.



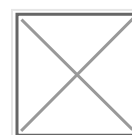
IF (Immunofluorescence)

Immunofluorescence analysis of NIH/3T3 cells using NLRP1 antibody at dilution of 1:200. Blue: DAPI for nuclear staining.



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded rat brain using NLRP1 Rabbit pAb at dilution of 1:100 (40x lens).



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded mouse brain using NLRP1 Rabbit pAb at dilution of 1:100 (40x lens).



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human lung cancer using NLRP1 Rabbit pAb at dilution of 1:100 (40x lens).



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using NLRP1 antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 10s.

ADDITIONAL INFORMATION

Related Product Information for anti-NLRP1 antibody	Background: This gene encodes a member of the Ced-4 family of apoptosis proteins. Ced-family members contain a caspase recruitment domain (CARD) and are known to be key mediators of programmed cell death. The encoded protein contains a distinct N-terminal pyrin-like motif, which is possibly involved in protein-protein interactions. This protein interacts strongly with caspase 2 and weakly with caspase 9. Overexpression of this gene was demonstrated to induce apoptosis in cells. Multiple alternatively spliced transcript variants encoding distinct isoforms have been found for this gene, but the biological validity of some variants has not been determined.
Product Categories/Family for anti-NLRP1 antibody	Cell Biology & Developmental Biology; Apoptosis; Caspases

NCBI AND UNIPROT INFORMATION

NCBI GI #	11096303
NCBI GeneID	22861
UniProt Accession #	Q9C000; Q9BZZ8; Q9BZZ9; Q9H5Z7; Q9H5Z8; Q9HAV8; Q9UFT4; Q9Y2E0; E9PE50; I6L9D9
Molecular Weight	46,068 Da
NCBI Official Full Name	NALP1
NCBI Official Synonym Full Names	NLR family, pyrin domain containing 1
NCBI Official Symbol	NLRP1
NCBI Official Synonym Symbols	NAC; CARD7; CIDED; NALP1; SLEV1; DEFCAP; PP1044; VAMAS1; CLR17.1; DEFCAP-L/S
NCBI Protein Information	NACHT, LRR and PYD domains-containing protein 1; caspase recruitment domain protein 7; NACHT, LRR and PYD containing protein 1; NACHT, leucine rich repeat and PYD containing 1; caspase recruitment domain-containing protein 7; nucleotide-binding domain and
UniProt Protein Name	NACHT, LRR and PYD domains-containing protein 1
UniProt Gene Name	NLRP1
UniProt Synonym Gene Names	CARD7; DEFCAP; KIAA0926; NAC; NALP1
UniProt Entry Name	NALP1_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://stage.aaabiotech.com/polyclonal/nlrp1-antibody-western-blot-immunohistochemistry-immunofluorescence-elisa/28324>