

Rabbit anti-Human CIAS1/NALP3 Polyclonal Antibody | anti-NLRP3 antibody

Anti-CIAS1/NALP3 Antibody

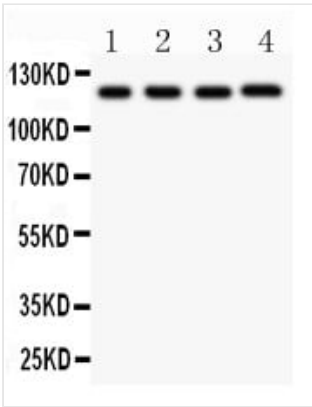
CATALOG # AAA45725	HOST Rabbit	REACTIVITY Human	APPLICATIONS Western Blot
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PRODUCT SYNONYMS

CIAS1/NALP3; Polyclonal Antibody; Anti-CIAS1/NALP3 Antibody; NACHT; LRR and PYD domains-containing protein 3; NLR family; pyrin domain containing 3; AGTAVPRL antibody; AII/AVP antibody; Angiotensin/vasopressin receptor AII/AVP like antibody; Angiotensin/vasopressin receptor AII/AVP-like antibody; C1orf7 antibody; Caterpillar protein 1.1 antibody; CIAS 1 antibody; CIAS1 antibody; CLR1.1 antibody; Cold autoinflammatory syndrome 1 antibody; Cold autoinflammatory syndrome 1 protein antibody; Cryopyrin antibody; Familial cold autoinflammatory syndrome antibody; FCAS antibody; FCU antibody; LRR and PYD domains-containing protein 3 antibody; Muckle-Wells syndrome antibody; MWS antibody; NACHT antibody; NACHT LRR and PYD containing protein 3 antibody; NALP 3 antibody; NALP3 antibody; NALP3_HUMAN antibody; NLRP3 antibody; PYPAF 1 antibody; PYPAF1 antibody; PYRIN containing APAF1 like protein 1 antibody; PYRIN-containing APAF1-like protein 1 antibody; anti-NLRP3 antibody

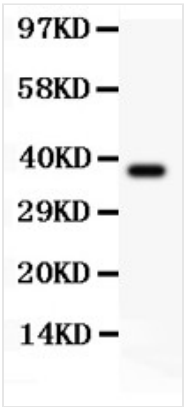
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized
Sequence Length	1036
Applicable Applications for anti-NLRP3 antibody	WB (Western Blot)
Immunogen	E Coli-derived human CIAS1 recombinant protein (Position: D21-K194). Human CIAS1 shares 77% amino acid (aa) sequence identity with mouse CIAS1.
Contents	Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na ₂ HPO ₄ , 0.05mg Na ₃ .
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Preparation and Storage	At -20 degree C for one year. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen at -20 degree C for a longer time. Avoid repeated freezing and thawing.



Application Data

Anti-CIAS1/NALP3 Picoband antibody, AAA45725-2.jpgAll lanes: Anti CIAS1 (AAA45725) at 0.5ug/mlLane 1: HELA Whole Cell Lysate at 40ugLane 2: MCF-7 Whole Cell Lysate at 40ugLane 3: JURKAT Whole Cell Lysate at 40ugLane 4: HEPG2 Whole Cell Lysate at 40ugPredicted bind size: 118KDObserved bind size: 118KD



Application Data

Anti-CIAS1/NALP3 Picoband antibody, AAA45725-1.jpgAll lanes: Anti CIAS1 (AAA45725) at 0.5ug/mlWB: Recombinant Human CIAS1 Protein 0.5ngPredicted bind size: 37KDObserved bind size: 37KD

ADDITIONAL INFORMATION

Related Product Information for anti-NLRP3 antibody

Description: Rabbit IgG polyclonal antibody for NACHT, LRR and PYD domains-containing protein 3(NLRP3) detection. Tested with WB in Human.

Background: NLRP3(NLR FAMILY, PYRIN DOMAIN-CONTAINING 3),also known as CIAS1, CRYOPYRIN, NALP3 or PYPAF1, is a protein that in humans is encoded by the NLRP3 gene. It is mapped to 1q44. The encoded protein may play a role in the regulation of inflammation and apoptosis. Mutation of the NALP3 nucleotide-binding domain reduced ATP binding, CASP1 activation, IL1B production, cell death, macromolecular complex formation, self-association, and association with ASC. Consistent with an essential role for Nlrp3 inflammasomes in antifungal immunity, it has been showed that Nlrp3-deficient mice are hypersusceptible to C. albicans infection. Activation of the NLRP3 inflammasome in response to virus or to RNA was dependent upon lysosomal maturation and reactive oxygen species production in human cells. The NLRP3 inflammasome senses obesity-associated danger signals and contributes to obesity-induced inflammation and insulin resistance.

NCBI AND UNIPROT INFORMATION

NCBI GI #	262527566
NCBI GeneID	114548
UniProt Accession #	Q96P20; O75434; Q17RS2; Q59H68; Q5JQS8; Q5JQS9; Q6TG35; Q8TCW0; B2RC97; B7ZKS9; B7ZKT2; B7ZKT3
Molecular Weight	115,968 Da
NCBI Official Full Name	NACHT, LRR and PYD domains-containing protein 3
NCBI Official Synonym Full Names	NLR family, pyrin domain containing 3
NCBI Official Symbol	NLRP3
NCBI Official Synonym Symbols	AlI; AVP; FCU; MWS; FCAS; CIAS1; NALP3; C1orf7; CLR1.1; PYPAF1; AGTAVPRL
NCBI Protein Information	NACHT, LRR and PYD domains-containing protein 3; cryopyrin; caterpillar protein 1.1; PYRIN-containing APAF1-like protein 1; NACHT, LRR and PYD containing protein 3; cold autoinflammatory syndrome 1 protein; NACHT domain-, leucine-rich repeat-, and PYD-containing protein 3; nucleotide-binding oligomerization domain, leucine rich repeat and pyrin domain containing 3
UniProt Protein Name	NACHT, LRR and PYD domains-containing protein 3
UniProt Gene Name	NLRP3
UniProt Synonym Gene Names	C1orf7; CIAS1; NALP3; PYPAF1; CLR1.1

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/cias1-nalp3-antibody-western-blot-elisa/45725>