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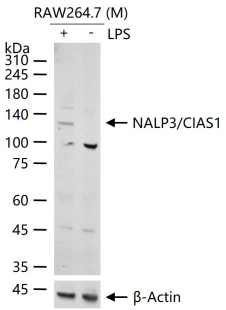
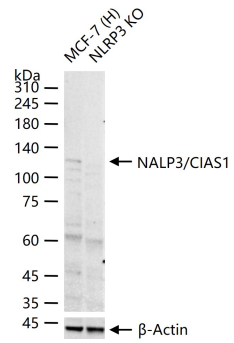
NALP3/CIAS1 Rabbit pAb

Catalog Number:	bs-10021R
Target Protein:	NALP3/CIAS1
Concentration:	1mg/ml
Form:	Liquid
Host:	Rabbit
Clonality:	Polyclonal
Isotype:	IgG
Applications:	WB (1:500-2000), IHC-P (1:100-500), IHC-F (1:100-500), IF (1:100-500)
Reactivity:	Human, Mouse, Rat
Predicted MW:	114 kDa
Entrez Gene:	114548
Swiss Prot:	Q96P20
Source:	KLH conjugated synthetic peptide derived from human Cryopyrin: 15-120/1036.
Purification:	affinity purified by Protein A
Storage:	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Background:	May function as an inducer of apoptosis. Interacts selectively with ASC and this complex may function as an upstream activator of NF-kappa-B signaling. Inhibits TNF-alpha induced activation and nuclear translocation of RELA/NF-KB p65. Also inhibits transcriptional activity of RELA. Activates caspase-1 in response to a number of triggers including bacterial or viral infection which leads to processing and release of IL1B and IL18. Subcellular Location : Cytoplasm.

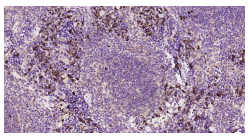
VALIDATION IMAGES



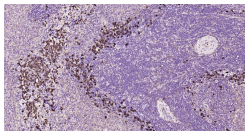
RAW264.7 (M) cells were treated with or without LPS (10 µg/ml) for 8h, 25 µg total protein per lane of cell lysates (see on figure) probed with NALP3/CIAS1 polyclonal antibody, unconjugated (bs-10021R) at 1:1000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r.t. for 60 min.



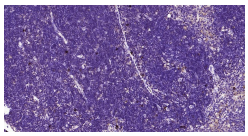
25 ug total protein per lane of various lysates (see on figure) probed with NALP3/CIAS1 polyclonal antibody, unconjugated (bs-10021R) at 1:1000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r.t. for 60 min.



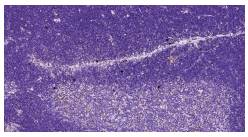
Paraformaldehyde-fixed, paraffin embedded Mouse Spleen; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with NALP3/CIAS1 Polyclonal Antibody, Unconjugated (bs-10021R) at 1:200 overnight at 4°C, followed by conjugation to the bs-0295G-HRP and DAB (C-0010) staining.



Paraformaldehyde-fixed, paraffin embedded Rat Spleen; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with NALP3/CIAS1 Polyclonal Antibody, Unconjugated (bs-10021R) at 1:200 overnight at 4°C, followed by conjugation to the bs-0295G-HRP and DAB (C-0010) staining.



Paraformaldehyde-fixed, paraffin embedded Mouse Thymus; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with NALP3/CIAS1 Polyclonal Antibody, Unconjugated (bs-10021R) at 1:200 overnight at 4°C, followed by conjugation to the bs-0295G-HRP and DAB (C-0010) staining.



Paraformaldehyde-fixed, paraffin embedded Rat Thymus; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with NALP3/CIAS1 Polyclonal Antibody, Unconjugated (bs-10021R) at 1:200 overnight at 4°C, followed by conjugation to the bs-0295G-HRP and DAB (C-0010) staining.

PRODUCT SPECIFIC PUBLICATIONS

[IF=27.4] Xin-yu Zhao. et al. SGLT2 inhibitors alleviated podocyte damage in lupus nephritis by decreasing inflammation and enhancing autophagy. ANN RHEUM DIS. 2023 Jul;: IHC ; Mouse . 37487609

[IF=24.1] Luo Fan. et al. The BCL-2 inhibitor APG-2575 resets tumor-associated macrophages toward the M1 phenotype, promoting a favorable response to anti-PD-1 therapy via NLRP3 activation. CELL MOL IMMUNOL. 2023 Dec;:1-20 IF ; Human,Mouse . 38062129

[IF=15.1] Fan Yang. et al. Anti-inflammasome bio-heterojunction (AI-bioHJ): Revolutionizing diabetic wound healing with in situ self-transformation and programmed gas therapy. CHEM ENG J. 2024 Feb;482:149014 WB,IHC ; Rat . 10.1016/j.cej.2024.149014

[IF=13.6] Xue Rui. et al. Long Non-coding RNA Neat1, NLRP3 Inflammasome, and Acute Kidney Injury. J AM SOC NEPHROL. 2024 Apr;:10.1681/ASN.0000000000000362 WB ; Mouse . 38687867

[IF=10.383] Zhen Xu. et al. Green Biosynthesis of Silver Nanoparticles Using Aqueous Extracts of Ageratum Conyzoides and Their Anti-

Inflammatory Effects. ACS APPL MATER INTER. 2023;XXXX(XXX):XXX-XXX WB ; Mouse,Human . 36881383