

NALP3/CIAS1 Rabbit pAb

Catalog Number: bs-23723R

Target Protein: NALP3/CIAS1

Concentration: 1mg/ml

Form: Liquid

Host: Rabbit

Clonality: Polyclonal

Isotype: IgG

Applications: IHC-P (1:100-500), IHC-F (1:100-500), IF (1:100-500)

Reactivity: Human, Mouse, Rat, Rabbit (predicted:Pig, Sheep, Dog, Horse)

Predicted MW: 114 kDa

Entrez Gene: 114548

Swiss Prot: Q96P20

Source: KLH conjugated synthetic peptide derived from human NALP3/CIAS1: 501-600/1036.

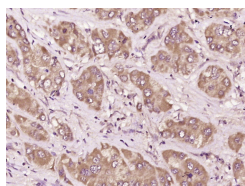
Purification: affinity purified by Protein A

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.

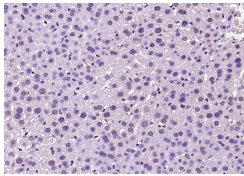
Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

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.

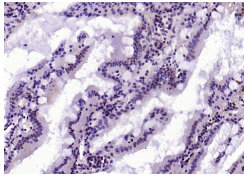
VALIDATION IMAGES



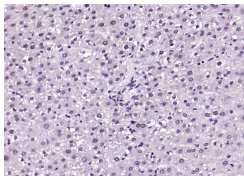
Paraformaldehyde-fixed, paraffin embedded (human liver carcinoma); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (NALP3) Polyclonal Antibody, Unconjugated (bs-23723R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.



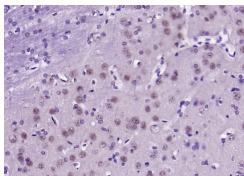
Paraformaldehyde-fixed, paraffin embedded (mouse liver); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (NALP3/CIAS1) Polyclonal Antibody, Unconjugated (bs-23723R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.



Paraformaldehyde-fixed, paraffin embedded (Rabbit intestine); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (NALP3/CIAS1) Polyclonal Antibody, Unconjugated (bs-23723R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.



Paraformaldehyde-fixed, paraffin embedded (rat liver); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (NALP3/CIAS1) Polyclonal Antibody, Unconjugated (bs-23723R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.



Paraformaldehyde-fixed, paraffin embedded (Rabbit brain); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (NALP3) Polyclonal Antibody, Unconjugated (bs-23723R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.

PRODUCT SPECIFIC PUBLICATIONS

[IF=5.1] Lu Chenxi. et al. PIK3CG Regulates NLRP3/GSDMD-Mediated Pyroptosis in Septic Myocardial Injury. INFLAMMATION. 2023 Sep;;1-17 IHC ; Mouse . 37676465

[IF=4.8] Zhili Ding. et al. Allogeneic platelet lysate activates the SIRT1-PINK1/Parkin pathway: A promising approach for improving mitochondrial function in an in vitro model of intervertebral disc degeneration. INT IMMUNOPHARMACOL. 2025 Jan;;144:113700 WB ; Rabbit . 39626535

[IF=3.188] Bian X et al. Periostin contributes to renal and cardiac dysfunction in rats with chronic kidney disease: reduction of PPARα. Biochimie. 2019 May;;160:172-182. WB ; Rat . 30890453

[IF=2.7] Wenyue Qiu. et al. Tert-butylhydroquinone attenuates LPS-induced pyroptosis of IPEC-J2 cells via downregulating HMGB1/TLR4/NF-κB axis. J ANIM PHYSIOL AN N. 2023 Sep;; WB ; Porcine . 37675629

[IF=2.4] Chaoxiong Yue. et al. Activation of the NLRP3-CASP-1 inflammasome is restrained by controlling autophagy during Glaesserella parasuis infection. VET MICROBIOL. 2024 Jun;;110160 WB ; Pig . 38964034