

## NLRP3 polyclonal antibody

Catalog: BS90949

Host: Rabbit

Reactivity: Human, Mouse, Rat

### BackGround:

Cryopyrin interacts selectively with apoptosis-associated specklike protein containing a CARD domain (ASC). This complex may function as an upstream activator of NF $\kappa$ B signaling and caspase-1 activation. The complex also inhibits TNF $\alpha$  induced activation and nuclear translocation of RelA/NF $\kappa$ B p65. Mutations in Cryopyrin and Pyrin proteins are responsible for several autoinflammatory disorders in humans, including familial cold autoinflammatory syndrome (FCAS), Muckle-Wells syndrome (MWS) and chronic infantile neurologic cutaneous and articular syndrome (CINCA).

### Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

### Molecular Weight:

118/85 kDa

### Swiss-Prot:

Q96P20(Human)      Q8R4B8(Mouse)      EntrezGene:287362(Rat)

### Purification&Purity:

ProA affinity purified

### Applications:

WB:1:1000

ICC:1:100-1:500

IF:1:50-1:200

IHC:1:50-1:200

FC:1:50-1:100

IP:1:50-1:100

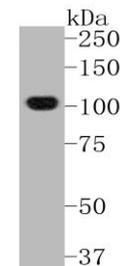
### Storage&Stability:

Store at +4 °C after thawing. Aliquot store at -20 °C or -80 °C. Avoid repeated freeze / thaw cycles.

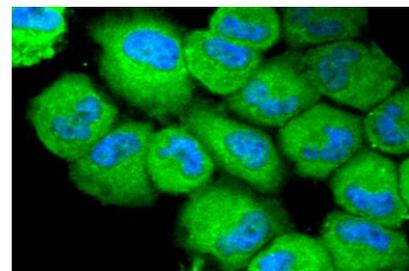
### Specificity:

NLRP3 polyclonal antibody detects endogenous levels of NLRP3 protein.

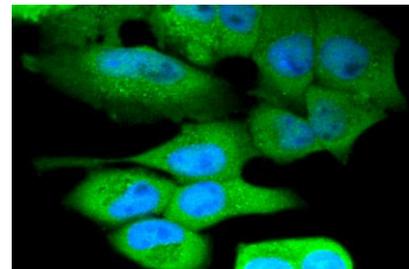
### DATA:



Western blot analysis of NLRP3 on human lung tissue lysates.



ICC staining NLRP3 in HUVEC cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



ICC staining NLRP3 in HeLa cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.

### Note:

For research use only, not for use in diagnostic procedure.

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