BOSTER BIOLOGICAL TECHNOLOGY
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Anti-NALP3 NLRP3 Rabbit Monoclonal Antibody

Catalog Number: M00034

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Overview

Product Name	Anti-NALP3 NLRP3 Rabbit Monoclonal Antibody
Reactive Species	Human
Description	Boster Bio Anti-NALP3 NLRP3 Rabbit Monoclonal Antibody catalog # M00034. Tested in WB, IHC, ICC/IF applications. This antibody reacts with Human.
Application	IF, IHC, ICC, WB
Clonality	Monoclonal FBD-14
Formulation	Rabbit IgG in stabilizing components, phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. *This antibody is supplied in a stabilized formulation. Compatibility with conjugation reactions depends on the chemistry of the conjugation method used. For conjugation methods that are not compatible with the stabilizing components present in this formulation, a carrier-free antibody format is required.
Storage Instructions	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Uniprot ID	Q96P20

Technical Details

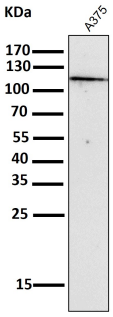
Immunogen	A synthesized peptide derived from human NALP3.
Isotype	Rabbit IgG
Form	Liquid
Concentration	0.5mg/ml
Purification	Affinity-chromatography
Suggested Dilutions	WB, 1:500-1:2000

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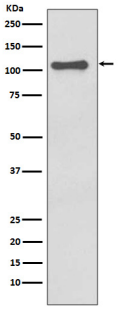
	IHC, 1:50-1:200 ICC/IF, 1:50-1:200

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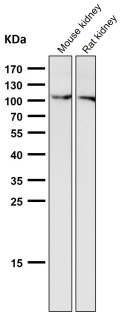
Anti-NALP3 NLRP3 Rabbit Monoclonal Antibody (M00034) Images



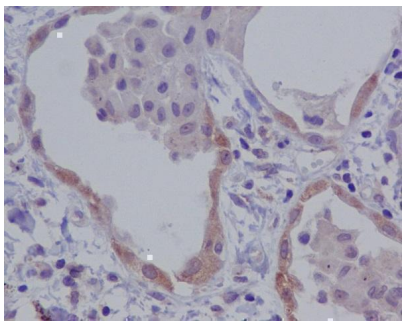
All lanes use the Antibody at 1:2K dilution for 1 hour at room temperature.



Western blot analysis of NLRP3 expression in SH-SY5Y cell lysate.



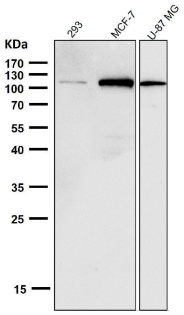
All lanes use the Antibody at 1:1K dilution for 1 hour at room temperature.

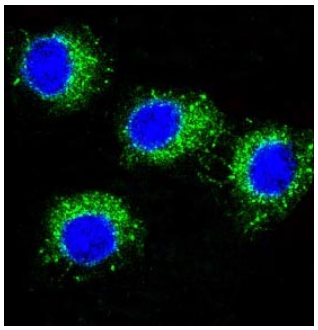


Immunohistochemical analysis of paraffin-embedded human lung carcinoma, using NALP3 Antibody.

All lanes use the Antibody at 1:1K dilution for 1 hour at room temperature.

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Immunofluorescent analysis of Raw264.7 cells, using NALP3 Antibody.

14 Publications Citing This Product

1. PubMed ID: 10.1002/tox.22943, Mangiferin inhibits lipopolysaccharide-induced epithelial-mesenchymal transition (EMT) and enhances the expression of tumor suppressor gene PER1 in non-small cell lung cancer cells

2. PubMed ID: 31156617, Wei Z,Wang J,Wang Y,Wang C,Liu X,Han Z,Fu Y,Yang Z.Effects of Neutrophil Extracellular Traps on Bovine Mammary Epithelial Cells in vitro.Front Immunol.2019 May 17;10:1003.doi:10.3389/fimmu.2019.01003.PMID:31156617;PMCID:PMC6533846.

3. PubMed ID: -, Huiqing Zhang,Yuna Du,Yujie Guo,Zeyu Wang,Hua Li,Zhe Lv,Lifeng Zeng,Yiguo Chen,Zhengyu Xie,Rong Li,"TLR4-NLRP3-GSDMD-Mediated Pyroptosis Plays an Important Role in Aggravated Liver Injury of CD38-/- Sepsis Mice",Journal of Immunology Research,vol.2021,Article ID 6687555,15 pages,2021.https://doi.org/10.1155/2021/6687555

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