

## ARG30331 NLRP3 Inflammasome Antibody Panel

Package: 1 kit  
Store at: -20°C

### Component

Cat. No.	Component Name	Host clonality	Reactivity	Application	Package
ARG40539	anti-NALP3 / Cryopyrin antibody	Rabbit pAb	Hu, Ms, Rat	ICC/IF, IHC-P, WB	20 µl
ARG66211	anti-ASC / TMS1 antibody	Rabbit pAb	Hu, Ms	WB	20 µl
ARG57293	anti-Caspase 1 antibody	Rabbit pAb	Hu, Ms	ICC/IF, IHC-P, IP, WB	20 µl
ARG10112	anti-GAPDH antibody [6C5]	Mouse mAb	AGMK, Bb, Cat, Chk, Dog, Fsh, Hm, Hu, Mk, Ms, Pig, Rb, Rat, Xenopus laevis, Zfsh	ELISA, ICC/IF, IHC-Fr, WB	20 µg

### Summary

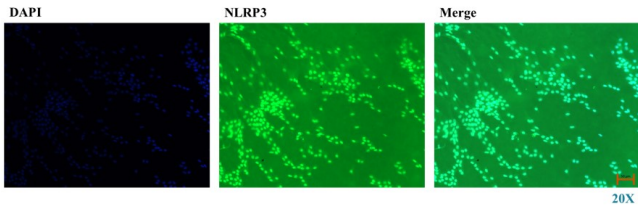
Product Description	NLRP3 Inflammasome Antibody Panel is an all-in-one solution to make the research of NLRP3 inflammasome easy and economic. This antibody panel comprises antibodies against the key components of NLRP3 inflammasome including NLRP3, ASC, and Caspase-1. Moreover, a loading control antibody against GAPDH is also included. This panel is the best solution for studying NLRP3 Inflammasome.
Target Name	NLRP3 Inflammasome
Alternate Names	NLRP3 Inflammasome antibody; GAPDH antibody; NALP3 / Cryopyrin antibody; Caspase 1 antibody; ASC / TMS1 antibody

### Properties

Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

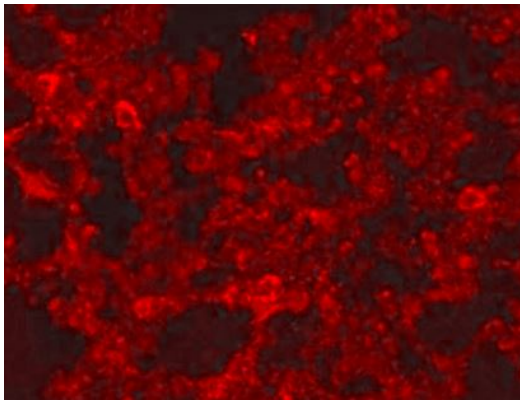
### Bioinformation

Gene Full Name	Antibody Panel for NLRP3 Inflammasome
Highlight	<p>Related news:</p> <p><a href="#">Inflammasome &amp; Pyroptosis Antibody Panels are released</a></p> <p><a href="#">Exploring Antiviral Immune Response</a></p> <p><a href="#">RIP1 activation and pathogenesis of NASH</a></p> <p><a href="#">AMPK signaling regulates NLRP3 inflammation and pyroptosis</a></p>



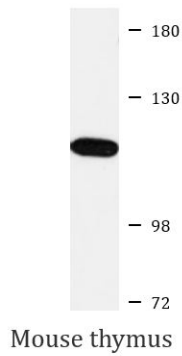
ARG40539 anti-NALP3 / Cryopyrin antibody ICC/IF image (Customer's Feedback)

Immunofluorescence: Human conjunctiva stained with ARG40539 anti-NALP3 / Cryopyrin antibody at 1:200 dilution and [ARG54745](#) Goat anti-Rabbit IgG (H+L) antibody (FITC) at 1:500 dilution.



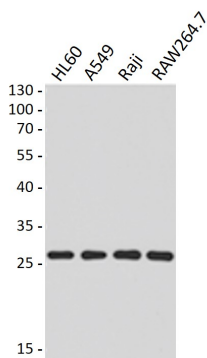
ARG40539 anti-NALP3 / Cryopyrin antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Mouse lung stained with ARG40539 anti-NALP3 / Cryopyrin antibody at 1:100 dilution.



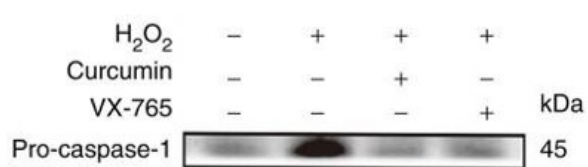
ARG40539 anti-NALP3 / Cryopyrin antibody WB image

Western blot: 25 µg of Mouse thymus lysate stained with ARG40539 anti-NALP3 / Cryopyrin antibody at 1:1000 dilution.



ARG66211 anti-ASC / TMS1 antibody WB image

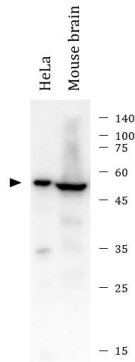
Western blot: 40 µg of HL60, A549, Raji and RAW264.7 cell lysates stained with ARG66211 anti-ASC / TMS1 antibody at 1:500 dilution.



ARG57293 anti-Caspase 1 antibody WB image

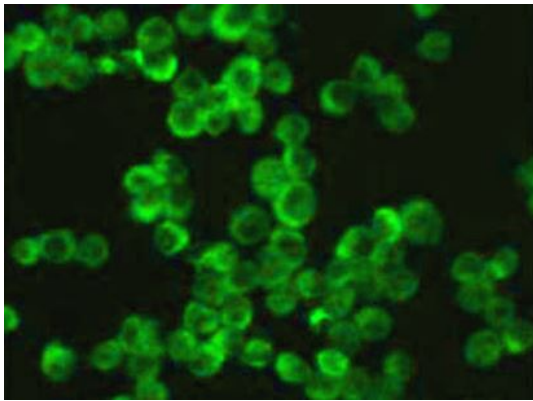
Western blot: HUVECs stained with ARG57293 anti-Caspase 1 antibody at 1:1000 dilution.

From Yulin Yuan et al. Mol Med Rep. (2022), [doi: 10.3892/mmr.2022.12730](https://doi.org/10.3892/mmr.2022.12730), Fig. 3.(A).



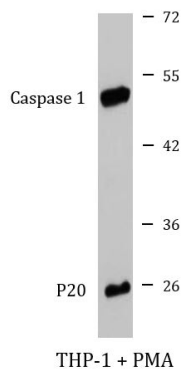
ARG57293 anti-Caspase 1 antibody WB image

Western blot: 10 µg of HeLa and 20 µg of Mouse brain lysates stained with ARG57293 anti-Caspase 1 antibody at 1:1000 dilution.



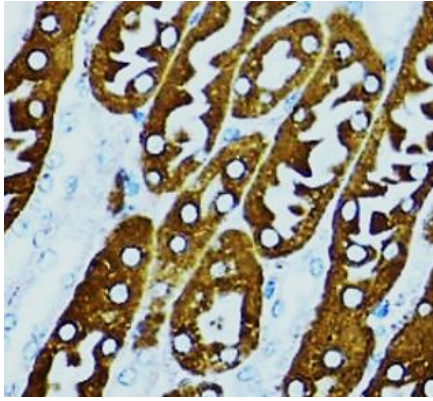
ARG57293 anti-Caspase 1 antibody ICC/IF image

Immunofluorescence: Raw264.7 cells stained with ARG57293 anti-Caspase 1 antibody at 1:100 dilution.



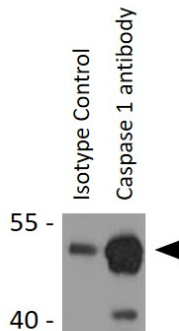
ARG57293 anti-Caspase 1 antibody WB image

Western blot: 25 µg of cell lysate from PMA treated THP-1 cells were stained with ARG57293 anti-Caspase 1 antibody at 1:1000 dilution.



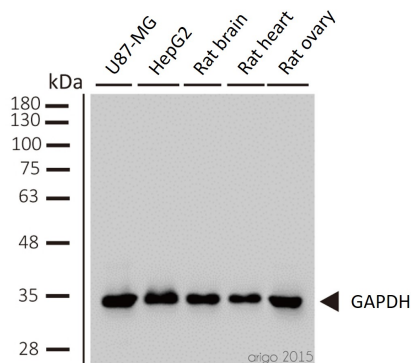
#### ARG57293 anti-Caspase 1 antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Mouse kidney tissue stained with ARG57293 anti-Caspase 1 antibody at 1:100 dilution.



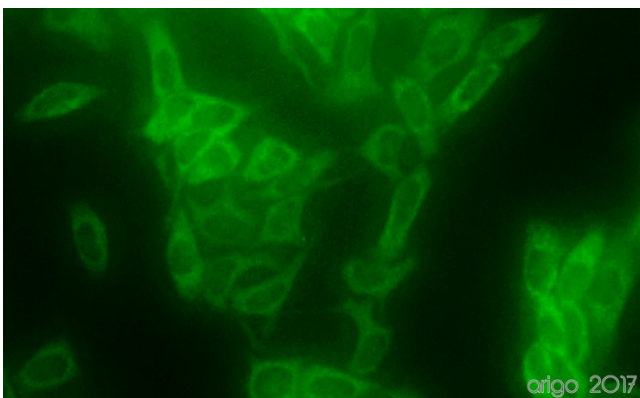
#### ARG57293 anti-Caspase 1 antibody IP image

Immunoprecipitation: 200 µg extracts of THP-1 cells  
Immunoprecipitated and stained with ARG57293 anti-Caspase 1 antibody at 1:1000 dilution.



#### ARG10112 anti-GAPDH antibody [6C5] WB image

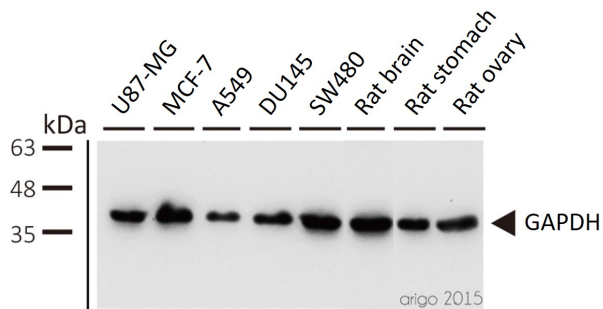
Western blot: 1) U87-MG 2) HepG2 3) rat brain 4) rat heart 5) rat ovary stained with ARG10112 anti-GAPDH antibody [6C5] at 1:2000 dilution.



#### ARG10112 anti-GAPDH antibody [6C5] ICC/IF image

Immunofluorescence: 100% Methanol fixed (RT, 10 min) HeLa cells stained with ARG10112 anti-GAPDH antibody [6C5] (green) at 1:200 dilution.

Secondary antibody: [ARG55393](#) Goat anti-Mouse IgG (H+L) antibody (FITC)



ARG10112 anti-GAPDH antibody [6C5] WB image

Western blot: 1) U87-MG 2) MCF-7 3) A549 4) DU145 5) SW480 6) rat brain 7) rat stomach 8) rat ovary stained with ARG10112 anti-GAPDH antibody [6C5] at 1:5000 dilution.



ARG10112 anti-GAPDH antibody [6C5] WB image

Western blot: Mouse samples stained with ARG10112 anti-GAPDH antibody [6C5] at 1:1000 dilution.

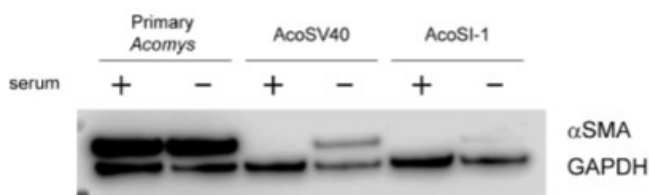
From Yun-Yun Li et al. *Int J Biol Sci* (2022), [doi: 10.7150/ijbs.68224](https://doi.org/10.7150/ijbs.68224), Fig. 5. C.



ARG10112 anti-GAPDH antibody [6C5] WB image

Western blot: Porcine kidney stained with ARG10112 anti-GAPDH antibody [6C5].

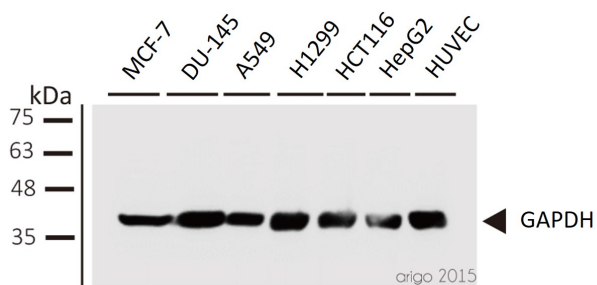
From Jianni Huang et al. *Front Cell Dev Biol* (2022), [doi: 10.3389/fcell.2022.899869](https://doi.org/10.3389/fcell.2022.899869), Fig. 2. E.



ARG10112 anti-GAPDH antibody [6C5] WB image

Western blot: pAFs, AcoSV40, and AcoSI-1 stained with ARG10112 anti-GAPDH antibody [6C5] at 1:5000 dilution.

From Michele N Dill et al. *PLoS One*. (2023), [doi: 10.3389/fcell.2022.899869](https://doi.org/10.3389/fcell.2022.899869), Fig. 2. C.



ARG10112 anti-GAPDH antibody [6C5] WB image

Western blot: 1) MCF-7 2) DU-145 3) A549 4) H1299 5) HCT116 6) HepG2 7) HUVEC stained with ARG10112 anti-GAPDH antibody [6C5] at 1:1000 dilution.

GAPDH



ARG10112 anti-GAPDH antibody [6C5] WB image

Western blot: HUVEC stained with ARG10112 anti-GAPDH antibody [6C5].

From Bingzheng Lu et al. Oxid Med Cell Longev (2020), [doi: 10.1155/2020/2048210](https://doi.org/10.1155/2020/2048210), Fig. 5. B.

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