

NLRP3 Polyclonal Antibody

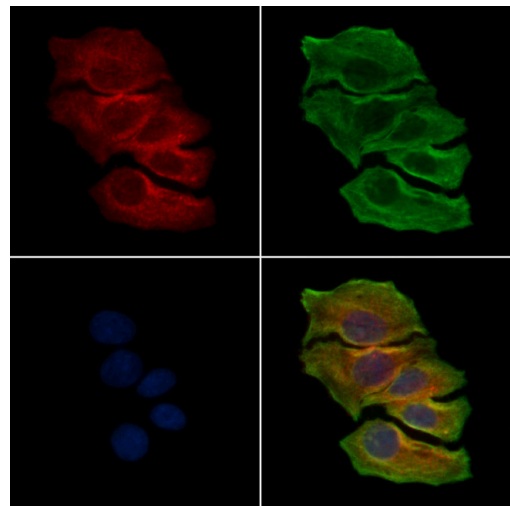
Product Details	
Size	100 µL
Species Reactivity	Human, Mouse, Rat
Host/Isotype	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	A synthesized peptide derived from human NLRP3(Accession Q96P20), corresponding to amino acid residues L1005-W1036.
Form	Liquid
Concentration	1 mg/mL
Purification	Affinity chromatography
Storage buffer	PBS with 50% glycerol
Contains	0.02% sodium azide
Storage conditions	-20°C
RRID	AB_2900295

Applications	Tested Dilution	Publications
Western Blot (WB)	1:500-1:2,000	-
Immunohistochemistry (Paraffin) (IHC (P))	1:50-1:200	-
Immunocytochemistry (ICC/IF)	1:100-1:500	-

Product Specific Information

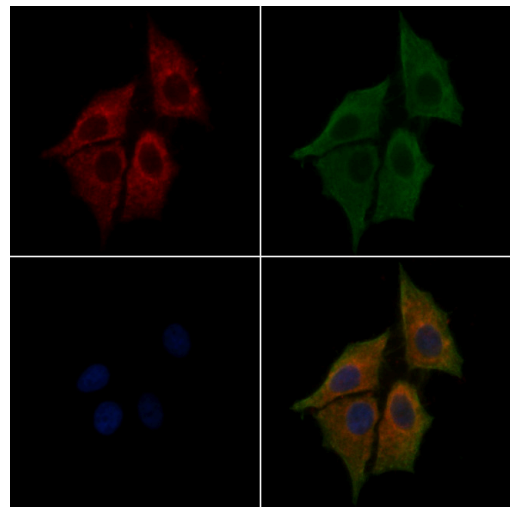
Antibody detects endogenous levels of total NLRP3.

Product Images For NLRP3 Polyclonal Antibody



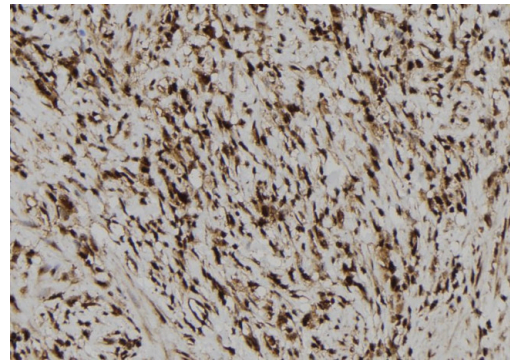
NLRP3 Antibody (PA5-115660) in ICC/IF

Immunocytochemistry analysis of NLRP3 in RAW264.7 cells (4hrs of LPS treatment). Samples were treated with PFA, permeabilized in 0.1% Triton X-100, blocked in 10% serum (45 min at 25°C), and incubated with polyclonal antibody (Product # PA5-115660) at a dilution of 1:200 (1 hr at 37°C). Secondary staining was applied with mouse anti-beta tubulin; AlexaFluor 594 conjugated goat anti-rabbit IgG (Red); AlexaFluor 88 conjugated goat anti-mouse IgG (Green) and DAPI (blue) using a dilution of 1:200 (1 hr at 37°C).



NLRP3 Antibody (PA5-115660) in ICC/IF

Immunocytochemistry analysis of NLRP3 in HepG2 cells (30 min of 4uM Forskolin treatment). Samples were treated with PFA, permeabilized in 0.1% Triton X-100, blocked in 10% serum (45 min at 25°C), and incubated with polyclonal antibody (Product # PA5-115660). Secondary staining was applied with mouse anti-beta tubulin (1 hr at 37°, AlexaFluor 594 conjugated goat anti-rabbit IgG (Red), AlexaFluor 488 conjugated goat anti-mouse IgG (Green) and DAPI.



NLRP3 Antibody (PA5-115660) in IHC (P)

Immunohistochemistry analysis of NLRP3 in human gastric tissue. Samples were treated with formaldehyde and treated with citrate buffer for antigen retrieval, blocked, and incubated (1.5 hours at 22°C) with polyclonal antibody (Product # PA5-115660) at a dilution of 1:100. Secondary staining was applied with HRP conjugated goat anti-rabbit.

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