

Product Datasheet

NLRP3 Rabbit Polyclonal Antibody (orb665921)

Catalog Number	orb665921
Category	Antibodies
Description	The NLRP3 Antibody is suitable for IF, IHC, WB. It is a Polyclonal, Unconjugated antibody which raised against Recombinant protein of human NLRP3. The exact sequence is proprietary. Purification: The antibody was purified by immunogen affinity chromatography.
Target	NLRP3
Clonality	Polyclonal
Species/Host	Rabbit
Conjugation	Unconjugated
Reactivity	Human, Mouse, Rat
Form/Appearance	Liquid
Buffer/Preservatives	0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Purification	The antibody was purified by immunogen affinity chromatography.
Immunogen	Recombinant protein of human NLRP3. The exact sequence is proprietary.
UniProt ID	Q96P20, Q8R4B8
Tested applications	IF, IHC, WB
Dilution range	WB: 1-500-1000
Specificity	Recognizes endogenous levels of NLRP3 protein.

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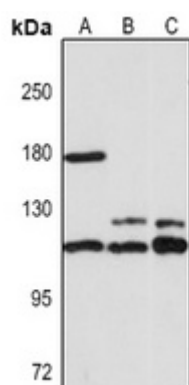
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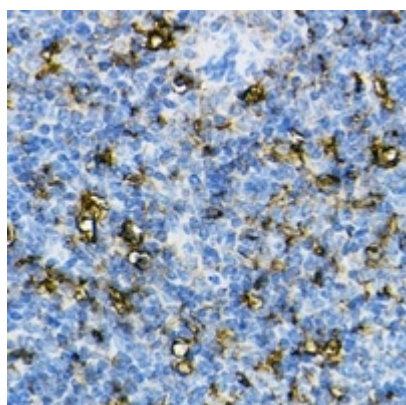
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Antibody Type	Primary Antibody
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Note	For research use only
Entrez	114548, 216799
Expiration Date	12 months from date of receipt.



Western blot analysis of NLRP3 expression in HT29 (A), mouse brain (B), rat brain (C) whole cell lysates. (Predicted band size: 83; 105; 111; 112; 115; 118 kD; Observed band size: 118 kD)



Immunohistochemical analysis of NLRP3 staining in mouse spleen formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

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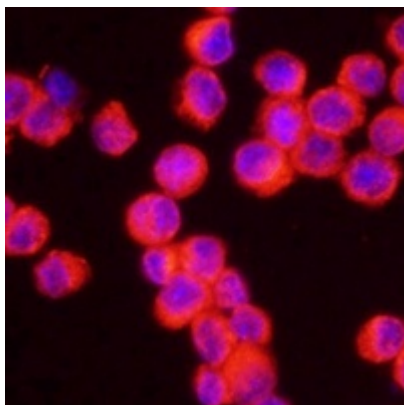
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Immunofluorescent analysis of NLRP3 staining in Raw264.7 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark.

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