

## Anti-NLRP3 antibody (1-93) (STJ11104599)

STJ11104599

### GENERAL INFORMATION

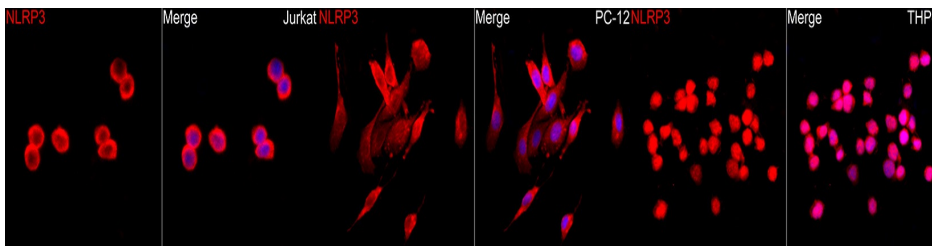
<b>Product Type</b>	Primary antibodies
<b>Short Description</b>	
<b>Applications</b>	WB/IF/ICC/ELISA
<b>Host/Source</b>	Rabbit
<b>Reactivity</b>	Human/Mouse/Rat

### PRODUCT PROPERTIES

<b>Clonality</b>	Polyclonal
<b>Clone ID</b>	
<b>Concentration</b>	Lot specific
<b>Conjugation</b>	Unconjugated
<b>Purification</b>	Affinity purification
<b>Dilution Range</b>	WB:1:1000-1:5000 IF/CC:1:50-1:200 ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your specific assay requirements.
<b>Formulation</b>	PBS with 0.05% Proclin300, 50% Glycerol, pH 7.3.
<b>Isotype</b>	IgG
<b>Storage Instruction</b>	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

### TARGET INFORMATION

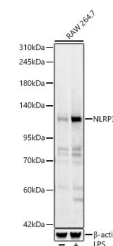
<b>Gene ID</b>	216799
<b>Gene Symbol</b>	Nlrp3
<b>Uniprot ID</b>	NLRP3_MOUSE
<b>Immunogen</b>	1-93
<b>Immunogen Region</b>	1-93
<b>Specificity</b>	Recombinant fusion protein containing a sequence corresponding to amino acids 1-93 of mouse NLRP3 (NP_665826.1).
<b>Immunogen Sequence</b>	MTSVRCKLAQYLEDLEDVDL KKFKMLEDYPPEKGCIPVP RGQMEKADHLDLATLMIDFN GEEKAWAMAVWIFAAINRRD LWEKAKKDQPEWN



Immunofluorescence analysis of Jurkat cells using NLRP3 Rabbit polyclonal antibody (STJ11104599) at a dilution of 1:200 (40x lens). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining.

Immunofluorescence analysis of PC-12 cells using NLRP3 Rabbit polyclonal antibody (STJ11104599) at a dilution of 1:200 (40x lens). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining.

Immunofluorescence analysis of THP-1 cells using NLRP3 Rabbit polyclonal antibody (STJ11104599) at a dilution of 1:200 (40x lens). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining.



Western blot analysis of lysates from RAW 264.7 cells using NLRP3 Rabbit polyclonal antibody (STJ11104599) at a dilution of 1:5000. Raw 264.7 cells were treated by LPS (1 Mu g/ml) at 37 °C for 8 hours. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25A Mu g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 1 s.

This product is suitable for in-vitro studies under the RESEARCH USE ONLY [RUO] licence. This product must not be used as for diagnostic or other medical purposes.  
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