

## Anti-CIAS1/cryopyrin antibody (C-Term) (STJ70287)

STJ70287

### GENERAL INFORMATION

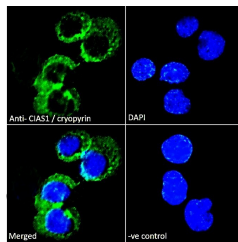
<b>Product Type</b>	Primary antibodies
<b>Short Description</b>	Goat polyclonal antibody anti-CIAS1/cryopyrin (C-Term) is suitable for use in ELISA and Immunofluorescence research applications.
<b>Applications</b>	Pep-ELISA, IF
<b>Host/Source</b>	Goat
<b>Reactivity</b>	Human, Rat, Cow

### PRODUCT PROPERTIES

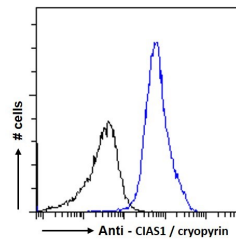
<b>Clonality</b>	Polyclonal
<b>Clone ID</b>	
<b>Concentration</b>	0.5 mg/mL
<b>Conjugation</b>	Unconjugated
<b>Purification</b>	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
<b>Dilution Range</b>	IF-Expression of the protein seen in the cytoplasm and plasma membrane of U937 cells. 10µg/ml ELISA-antibody detection limit dilution 1:128000.
<b>Formulation</b>	0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
<b>Isotype</b>	IgG
<b>Storage Instruction</b>	Store at -20 on receipt and minimise freeze-thaw cycles.

### TARGET INFORMATION

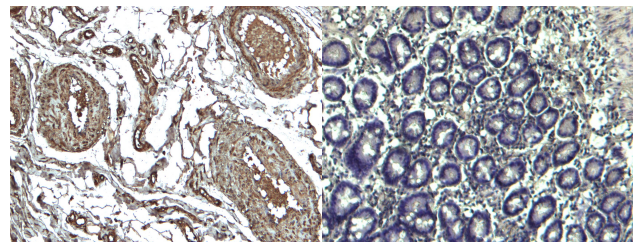
<b>Gene ID</b>	114548
<b>Gene Symbol</b>	NLRP3
<b>Uniprot ID</b>	NLRP3_HUMAN
<b>Immunogen</b>	
<b>Immunogen Region</b>	C-Term
<b>Specificity</b>	Variants (NP_001073289.1; NP_004886.3) encode the same isoform.
<b>Immunogen Sequence</b>	EKPELTVVFPSW



STJ70287 Immunofluorescence analysis of paraformaldehyde fixed U937 cells immobilized on Shifitx™ coverslip, permeabilized with 0.15% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml) showing membrane and cytoplasmic staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml).



STJ70287 Flow cytometric analysis of paraformaldehyde fixed U937 cells (blue line) permeabilized with 0.5% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (1ug/ml). IgG control: Unimmunized goat IgG (black line) followed by Alexa Fluor 488 secondary antibody.



STJ70287 (4ug/ml) staining of paraffin embedded Human Colon. Heat induced antigen retrieval with citrate buffer pH 6, HRP-staining.

STJ70287 Negative Control showing staining of paraffin embedded Human Colon, with no primary antibody.