

Product datasheet for **AP22372PU-N**

NLRP3 (C-term) Goat Polyclonal Antibody

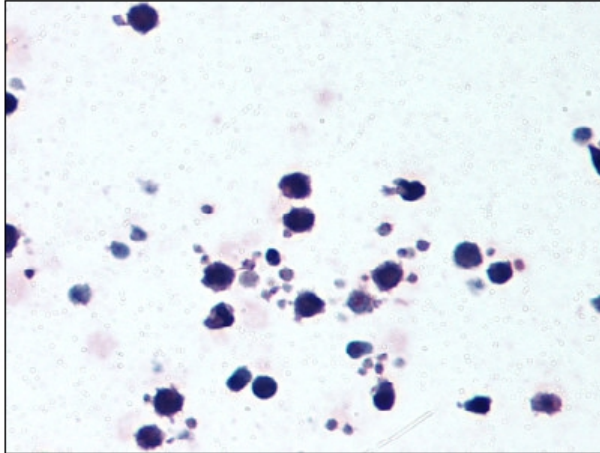
Product data:

Product Type:	Primary Antibodies
Applications:	ELISA, FC, IF, IHC
Recommended Dilution:	Peptide ELISA: Detection Limit: 1/128000. Western blot: This antibody is not recommended for use in Western blotting. Flow Cytometry analysis of U937 cells (10 µg/ml). Immunofluorescence: 10µg/ml. Strong expression of the protein seen in the cytoplasm of U937 cells. Immunohistochemistry on Paraffin Sections: 2-5 µg/ml.
Reactivity:	Bovine, Human, Rat
Host:	Goat
Clonality:	Polyclonal
Immunogen:	synthetic peptide corresponding to the C-Terminus of the protein sequence according to NP_001073289.1; NP_004886.3; NP_899632.1; NP_001120933.1; NP_001120934.1.
Specificity:	Recognizes CIAS1/Cryopyrin (C-Term).
Formulation:	Tris saline, pH 7.3 State: Aff - Purified State: Liquid purified IgG fraction. Stabilizer: 0.5% BSA Preservative: 0.02% Sodium Azide
Concentration:	lot specific
Purification:	Ammonium Sulphate Precipitation followed by Antigen Affinity Chromatography using the immunizing peptide.
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	NLR family, pyrin domain containing 3
Database Link:	Entrez Gene 287362 Rat Entrez Gene 114548 Human Q96P20

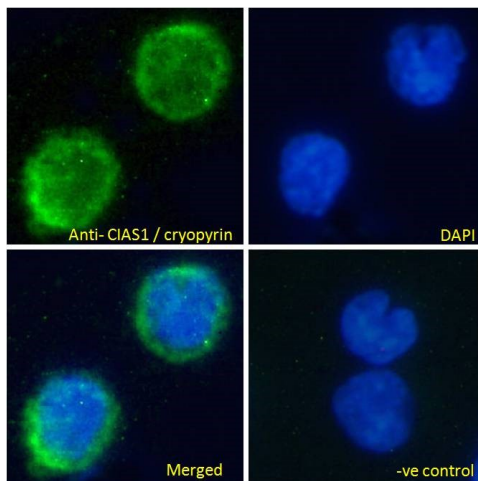


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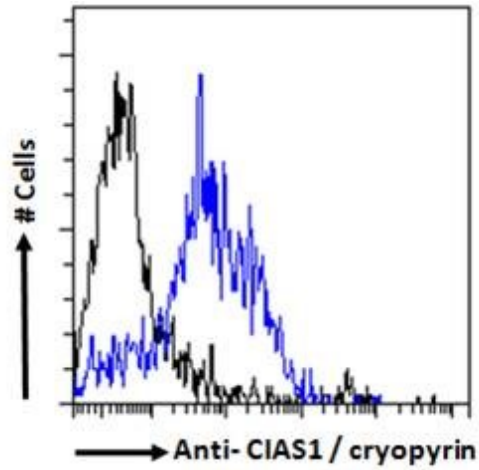
Synonyms: NLRP3, C1orf7, CIAS1, PYPAF1
Protein Families: Druggable Genome
Protein Pathways: NOD-like receptor signaling pathway

Product images:

NLRP3 antibody staining of Formalin-Fixed, Paraffin-Embedded Human Peripheral Blood Leukocytes at 2.5 ug/ml using Biotinylated anti-Goat IgG secondary antibody, Alkaline Phosphatase-Streptavidin and chromogen.



Immunofluorescence analysis of paraformaldehyde fixed U937 cells permeabilized with 0.15% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (4ug/ml), showing cytoplasmic staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10ug/ml) followed by Alexa Fluor 488 secondary antibody (4ug/ml).



Flow cytometric analysis of paraformaldehyde fixed human peripheral blood monocytes (blue line), permeabilized with 0.5% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml). IgG control: Unimmunized goat IgG (black line) followed by Alexa Fluor 488 secondary antibody.