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Datasheet for ABIN570839

anti-NLRP3 antibody (N-Term)

1 Image

Overview

Quantity:	100 µg
Target:	NLRP3
Binding Specificity:	N-Term
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This NLRP3 antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC)

Product Details

Purpose:	Cryopirin / NALP3 / NLRP3
Immunogen:	Peptide with sequence RDLYEKAKRDEPK-C, from the N-Terminus (near) of the protein sequence according to NP_004886.3, NP_899632.1, NP_001120933.1, NP_001120934.1.
Sequence:	RDLYEKAKRD EPK
Isotype:	IgG
Specificity:	This antibody is expected to recognize all reported isoforms (NP_004886.3, NP_899632.1, NP_001120933.1, NP_001120934.1). Reported variants NP_001073289.1 and NP_004886.3 represent identical protein.
Cross-Reactivity:	Human
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity

Product Details

chromatography using the immunizing peptide.

Grade: Verified

Target Details

Target: NLRP3

Alternative Name: NLRP3 ([NLRP3 Products](#))

Background: NLRP3, NLR family, pyrin domain containing 3, AGTAVPRL, AII, AII/AVP, AVP, C1orf7, CIAS1, CLR1.1, FCAS, FCU, FLJ95925, MWS, NALP3, PYPAF1, AII/AVP receptor-like, NACHT domain-, leucine-rich repeat-, and PYD-containing protein 3, NACHT, LRR and PYD contain

Gene ID: 114548

NCBI Accession: [NP_004886](#), [NP_899632](#), [NP_001120933](#), [NP_001120934](#)

Pathways: [Cellular Response to Molecule of Bacterial Origin](#), [Positive Regulation of Endopeptidase Activity](#), [Inflammasome](#)

Application Details

Application Notes: Immunohistochemistry: Paraffin embedded Human peripheral blood leukocytes.
Recommended concentration: 5 µg/mL.
Western Blot: Preliminary experiments gave an approx 36 kDa band in Human Peripheral Blood Mononucleocytes lysates and in lysates of cell line MOLT4, after 0.3-1 µg/mL antibody staining.
Please note that currently we cannot find an explanation in the liter
Peptide ELISA: antibody detection limit dilution 1:32000.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 0.5 mg/mL

Buffer: Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

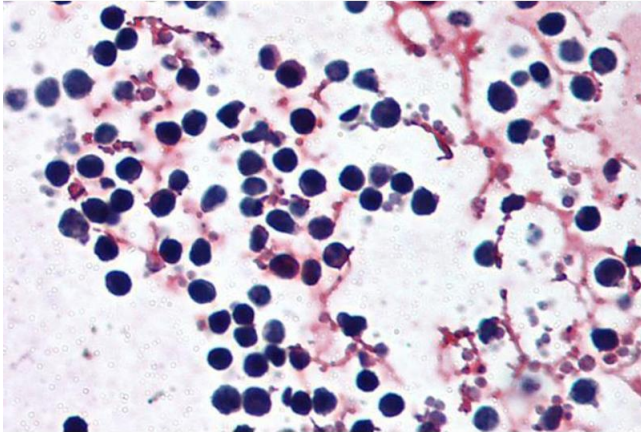
Handling

Handling Advice: Minimize freezing and thawing.

Storage: -20 °C

Storage Comment: Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.

Images



Immunohistochemistry

Image 1. ABIN570839 (5µg/ml) staining of paraffin embedded Human peripheral blood leukocytes. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.