

Goat anti-Cryopirin / NALP3 / NLRP3 Antibody

Item Number	dAP-2042
Target Molecule	Principle Name: Cryopirin / NALP3 / NLRP3; Official Symbol: NLRP3; All Names and Symbols: NLRP3; NLR family, pyrin domain containing 3; AGTAVPRL; All; All/AVP; AVP; C1orf7; CIAS1; CLR1.1; FCAS; FCU; FLJ95925; MWS; NALP3; PYPAF1; All/AVP receptor-like; NACHT domain-, leucine-rich repeat-, and PYD-containing protein 3; NACHT, LRR and PYD contain; Accession Number (s): NP_004886.3; NP_899632.1; NP_001120933.1; NP_001120934.1; Human Gene ID(s): 114548; Non-Human GenID(s):
Immunogen	RDLYEAKRDEPK, is from N-Terminus (near) 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
Applications	Pep ELISA Species Tested:
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	Lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 32000.
Western Blot	Western Blot: Preliminary experiments gave an approx 36kDa band in Human Peripheral Blood Mononucleocytes lysates after 1µg/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the band we observe given the
IHC	
Reference	Reference(s): Hise AG, Tomalka J, Ganesan S, Patel K, Hall BA, Brown GD, Fitzgerald KA, An essential role for the NLRP3 inflammasome in host defense against the human fungal pathogen <i>Candida albicans</i> . <i>Cell host & microbe</i> 2009 May 5 (5): 487-97..PMID: 19454352->

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the end users! This product is sold for **Research Use Only**