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EB09883 - Goat Anti-Cryopirin / NALP3 / NLRP3 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

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

Official Symbol: NLRP3

Accession Number(s): NP_004886.3; NP_899632.1; NP_001120933.1;

NP_001120934.1

Human GenelD(s): 114548

Important Comments: 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.

Immunogen

Peptide with sequence NQERTSYLEKKLSCK, from the internal region of the protein sequence according to NP_004886.3; NP_899632.1; NP_001120933.1; NP_001120934.1.

Please note the peptide is available for sale.

Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 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.

Applications Tested

Peptide ELISA: antibody detection limit dilution 1:4000.

Western blot: Preliminary experiments in Human Bone Marrow and Peripheral Blood Lymphocytes lysates gave no specific signal but low background (at antibody concentration up to 1µg/ml). We would appreciate any feedback from people in the field have any results been reported with other antibodies/lysates?

Species Reactivity

Tested:

Expected from sequence similarity: Human, Mouse, Dog, Cow