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Research Use Only. Not for diagnostic or therapeutic use.

Storage: For long-term storage keep aliquots at -20°C. (Store no longer than 12 months at 4°C). Minimize freezing and thawing.

EB05738 - Goat Anti-CIAS1 / cryopyrin (C Terminus) Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: nucleotide-binding oligomerization domain, leucine rich repeat and pyrin domain containing 3, PYRIN-containing APAF1-like protein 1, NACHT, LRR and PYD containing protein 3, NACHT domain-, leucine-rich repeat-, and PYD-containing protein 3, AII/AVP receptor-like, FLJ95925, CLR1.1, AVP, AII, NLR family, pyrin domain containing 3, angiotensin/vasopressin receptor AII/AVP-like, neuronal apoptosis inhibitor protein 3, PYRIN-containing APAF1-like protein 1, chromosome 1 open reading frame 7, Muckle-Wells syndrome, cryopyrin, cold autoinflammatory syndrome 1, CRYOPYRIN, AGTAVPRL, AII/AVP, PYPAF1, C1orf7, NALP3, FCAS, MWS, FCU, CIAS1, NLRP3

Official Symbol: NLRP3

Accession Number(s): NP_001073289.1; NP_004886.3; NP_899632.1; NP_001120933.1; NP_001120934.1

Human GeneID(s): [114548](#)

Important Comments: Variants (NP_001073289.1; NP_004886.3) encode the same isoform.

Immunogen

Peptide with sequence C-EKPELTVVFEPWSW, from the C Terminus of the protein sequence according to NP_001073289.1; 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 1:32000.

Western blot: No signal obtained yet but low background observed in Daudi, A431, Jurkat, U937 and MOLT-4 lysates at up to 1µg/ml. We would appreciate any feedback from people in the field - have any results been reported with other antibodies/lysates?

Flow cytometry: Customer finds it to work well in FC on human monocytes.

Species Reactivity

Tested: Human

Expected from sequence similarity: Human, Rat, Cow