
NALP3 Antibody

Subcategory: Rabbit Polyclonal Antibody

Cat. No.: 254160

Unit: 0.1 mg

Description:

NALP3, a member of Nod-like receptors, has a crucial role in inflammation and immunity and may be a proximal sensor of cellular stress and danger signals. NALP3 forms a caspase-1 activating molecular complex termed the inflammasome. The inflammasome allows activation of IL-1 β , the key player of the inflammation and fever. NALP3 gene encodes a pyrin like protein which contains a pyrin domain, a nucleotide binding site (NBS) domain, and a leucine rich repeat (LRR) motif. NALP3 protein interacts with apoptosis associated speck like protein containing a CARD and may function as an inducer of apoptosis and an activator of NF- κ B signaling. Defects in NALP3 have been associated with familial cold autoinflammatory syndrome (FCAS), Muckle-Wells syndrome (MWS), chronic infantile neurological cutaneous and articular (CINCA) syndrome, and neonatal-onset multisystem inflammatory disease (NOMID).

Isotype: Rabbit Ig

Applications: E, WB, IF

Species Reactivity: H, M

Format: Each vial contains 0.1 ml IgG in PBS pH 7.4 with 0.02% sodium azide. Antibody was purified by immunogen affinity chromatography.

Alternate Names: NALP3; LRR and PYD domains-containing protein 3; CIAS1; FCAS; Cryopyrin

Accession No.: NP_899632

Antigen: KLH-conjugated synthetic peptide encompassing a sequence within human NALP3.

Application Notes: E: 1:500-1:1,000; WB: 1:100-1:500; IF: 1:00-1:500

Storage: Store at -20°C. Minimize freeze-thaw cycles.

Product is guaranteed one year from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.