
NALP4 Antibody

Subcategory: Rabbit Polyclonal Antibody

Cat. No.: 254344

Unit: 0.1 mg

Description:

NALP proteins include the apoptosis regulator APAF1 (apoptotic protease activating factor 1) and mammalian NOD-LRR proteins and are thought to be involved in inflammation and reproduction. NALP4, also known as PYRIN-containing APAF1-like protein 4, has a C-terminal leucine-rich repeat (LRR) region, an N-terminal Pyrin domain (PYD) followed by a NACHT domain, and a NACHT-associated domain. In transfected 293 cells, NALP4 suppressed NF-kappaB induction by TNF-alpha and IL-1beta, suggesting NALP4 operates at a point of convergence in these two signaling pathways. NALP4 also suppressed NF-kappaB induction resulting from overexpression of several adapter proteins and protein kinases involved in these pathways, including TRAF2, TRAF6, RIP, and IRAK2, as well as the IKK-alpha and IKK-beta, suggesting that NALP4 is critical in modulating NF-kappaB activity.

Isotype: Rabbit Ig

Applications: E, WB

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: NALP4; NLR family pyrin domain containing 4; NLRP4; PYRIN-containing APAF1-like protein 4; PYPAP4; CLR19.5; PAN2; RNH2; CT58

Accession No.: AAL35293

Antigen: KLH-conjugated synthetic peptide encompassing a sequence within human NALP4.

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

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.